Amphenol® GT Series
Reverse Bayonet Coupling Connectors

12-024-8

Ruggedized Connector Series for Rail/Mass Transit and other Harsh Environments

Amphenol

Amphenol® GT Connectors
with reverse bayonet coupling
the preferred connector for mass transit

Designed originally for use by the military, the heavy duty GT connector has become widely used in commercial, geophysical, aerospace, ground support and shipboard applications. It is the preferred connector for mass transit.

Variety of Shell Styles are Available

Wall Mount Receptacle

Inline Receptacle

Straight Plug

Plug With Rubber Covered Coupling Nut

Jam Nut Receptacle

NOTE:
The connector products in this brochure were formerly known as Bendix® products. These products are now manufactured and sold under the Amphenol® brand name. The name “Amphenol” will replace the name “Bendix” on products and literature in the future.

Amphenol® GT reverse bayonet coupling connectors with MIL-C-5015 insert patterns features:

- Quick positive coupling
- Audible, tactile and visual indication of full coupling
- Waterproof – IP67 rated
- No lockwiring required
- High shock and vibration capabilities
- Inserts available in Neoprene and Viton* materials
- Low smoke/flame retardant inserts also available
- Operating temperature range:
  With Neoprene inserts: –55°C to +125°C
  With Viton** inserts: –50°C to +200°C
  With low smoke/flame retardant inserts: –55°C to +125°C
- Available in both crimp and solder terminations
- Contacts available in gold and silver plating
- Numerous military and commercial finishes available
- Zinc alloy plating (cadmium free) available
- Rugged construction; aluminum or stainless steel components
- Available with resilient cover coupling for added damage protection and increased gripping surface
- Intermateable with existing VG95234 connectors
- 2000 couplings minimum
- UL recognized
- Up to 50% more ampacity with the use of RADSOK® technology (see page 89)

Amphenol’s special offerings of GT Series connectors (see end of catalog) include: GT Amphe-Power® Connectors with RADSOK® technology, the GTC-M Series with metal clip inserts and GT-PC Series for high voltage power applications. There is also information on other Amphenol Industrial Products for the Rail Industry at the end of this catalog.

For further information on your individual application requirements, contact:

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Amphenol Industrial Operations
40-60 Delaware Avenue
Sidney, New York 13838-1395
Phone: 607-563-5011 Fax: 607-563-5351
www.amphenol-industrial.com

**For availability of Viton inserts consult Amphenol, Sidney, NY.
Viton is a registered trademark of Dupont/Dow Corning.

GT Series
insert availability

Insert Arrangement	Service Rating	Total Contacts	Contact Size					Coax			
			0	4	8	12	16	0	4	8	12
10SL-3	A	3					3				
10SL-4†	A	2					2				
14S-2	Inst.	4					4				
14S-4	D	1					1				
14S-5	Inst.	5					5				
14S-6	Inst.	6					6				
14S-7	A	3					3				
14S-9	A	2					2				
14S-10	Inst.	4					4				
14S-12	A	3					3				
14S-A7	A	7					7				
16S-1	A	7					7				
16S-3	B	1					1				
16S-4	D	2					2				
16S-5	A	3					3				
16S-6	A	3					3				
16S-8	A	5					5				
16-2	E	1				1					
16-7	A	3			1		2				
16-9	A	4				2	2				
16-10	A	3				3					
16-11	A	2				2					
16-12	A	1		1							
16-13	A	2				2					
16-59	A	4				4					
18-1	A/Inst.	10					10				
18-3	D	2				2					
18-4	D	4					4				
18-5	D	3				2	1				
18-6	D	1		1							
18-7	B	1			1						
18-8	A	8				1	7				
18-9	Inst.	7				2	5				
18-10	A	4				4					
18-11	A	5				5					
18-12	A	6					6				
18-13	A	4			1	3					
18-14	A	2		1			1				
18-15	A	4				4					
18-16	C	1				1					
18-17	Inst.	7				2	5				
18-19	A	10					10				
18-20	A	5					5				
18-22	D	3					3				
18-24	A/Inst.	10					10				
18-29	A	5					5				
18-30	A	5					5				
18-31	A	5					5				

*Crimp contacts accommodate wire the same size as the contact as well as wire of the next smaller, even size. Arrangements identified with an asterisk (*) are exceptions. See insert arrangement drawings on pages 6-28 for application wire size.

Insert Arrangement	Service Rating	Total Contacts	Contact Size					Coax			
			0	4	8	12	16	0	4	8	12
20-2	D	1	1								
20-3	D	3				3					
20-4	D	4				4					
20-6	D	3					3				
20-7	D/A	8					8				
20-8	Inst.	6			2		4				
20-9	D/A	8				1	7				
20-11	Inst.	13					13				
20-12	A	2		1			1				
20-14	A	5			2	3					
20-15	A	7				7					
20-16	A	9				2	7				
20-17	A	6				5	1				
20-18	A	9				3	6				
20-19	A	3			3						
20-20	A	4		1		3					
20-21	A	9				1	8				
20-22	A	6			3		3				
20-23	A	2			2						
20-24	A	4			2		2				
20-25	Inst.	13					13				
20-26	A	19					19				
20-27	A	14					14				
20-29	A	17					17				
20-30	Inst.	13					13				
20-33	A	11					11				
20-51	A	3			3						
20-57	A	7				7*					
20-58	A	10				5	5				
20-59	A	3			3*						
20-66	A	6				5*	1				
20-79	A/D	8				1	7				
22-1	D	2			2						
22-2	D	3			3						
22-4	A	4			2	2					
22-5	D	6				2	4				
22-6	D	3			2		1				
22-7	E	1	1								
22-8	E	2				2					
22-9	E	3				3					
22-10	E	4					4				
22-11	B	2					2				
22-12	D	5			2		3				
22-13	D/A	5				4	1				
22-14	A	19					19				
22-15	E/A	6				5	1				

†10SL-4 arrangement available only with pin contacts in receptacle and socket contacts in plug

**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series
insert availability, cont.

Insert Arrangement	Service Rating	Total Contacts	Contact Size								
			0	4	8	12	16	Coax** 0	4	8	12
22-16	A	9				3	6				
22-17	D/A	9				1	8				
22-18	D/A	8					8				
22-19	A	14					14				
22-20	A	9					9				
22-21	A	3	1				2				
22-22	A	4			4						
22-23	D/A	8				8					
22-24	D/A	6				2	4				
22-27	D/A	9			1		8				
22-28	A	7				7					
22-33	D/A	7					7				
22-34	D	5				3	2				
22-63	A	12				4	8				
22-65	D/A	8				8*					
22-70	A	13				8	5				
22-80	A	3			3*						
24-2	D	7				7					
24-3	D	7				2	5				
24-5	A	16					16				
24-6	D/A	8				8					
24-7	A	16				2	14				
24-9	A	2		2							
24-10	A	7			7						
24-11	A	9			3	6					
24-12	A	5		2		3					
24-16	D/A	7			1	3	3				
24-17	D	5				2	3				
24-19	A	12					12				
24-20	D	11				2	9				
24-21	D	10			1		9				
24-22	D	4			4						
24-27	E	7					7				
24-28	Inst.	24					24				
24-51	A	5			5						
24-52	Hi Volt.	1				1					
24-53	A	5			5						
24-58	A	13			3	3	7				
24-59	A	14				7	7				
24-60	A	7			7*						
24-65	A	15				11	4				
24-66	D	7				7					
24-67	Inst.	19				19					
24-71	A	7			7*						
24-75	A	7			7*						
24-79	A	5			5						
24-80	Inst.	23					23				

*Crimp contacts accommodate wire the same size as the contact as well as wire of the next smaller, even size. Arrangements identified with an asterisk (*) are exceptions. See insert arrangement drawings on pages 6-28 for application wire size.

Insert Arrangement	Service Rating	Total Contacts	Contact Size								
			0	4	8	12	16	Coax** 0	4	8	12
24-84	A	19				1					18
24-96	Inst.	28					28				
24-AJ	A	25					25				
28-1	D/A	9			3	6					
28-2	D	14				2	12				
28-3	E	3			3						
28-4	E/D	9				2	7				
28-5	D	5		2		1	2				
28-6	D	3		3							
28-7	D	2		2							
28-8	E/D/A	12				2	10				
28-9	D	12				6	6				
28-10	D/A	7		2	2	3					
28-11	A	22				4	18				
28-12	A	26					26				
28-13	A	26					26				
28-15	A	35					35				
28-16	A	20					20				
28-17	B/D/A	15					15				
28-18	C/D/A/Inst.	12					12				
28-19	B/D/A	10				4	6				
28-20	A	14				10	4				
28-21	A	37					37				
28-22	D	6		3			3				
28-51	A	12				12					
28-59	A	17				7	10				
28-66	A	16			2	14					
28-72	Coax	3							3		
28-74	A	16			7*		9				
28-75	A	16			7*		9				
28-79	A	16			7		9				
28-82	D	6			2	4					
28-84	A	9			9						
28-AY	A	9		4			5				
32-1	E/D	5	2			3					
32-2	E	5		3			2				
32-3	D	9	1	2		2	4				
32-4	A/D	14				2	12				
32-5	D	2	2								
32-6	A	23		2	3	2	16				
32-7	Inst./A	35				7	28				
32-8	A	30				6	24				
32-9	D	14		2			12				
32-10	E/B/D/A	7		2	2		3				
32-12	A/D	15				5	10				
32-13	D	23				5	18				
32-15	D	8	2			6					
32-16	A	23		2	3	2	16				

**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series
insert availability, cont.

Insert Arrangement	Service Rating	Total Contacts	Contact Size								
								Coax**			
			0	4	8	12	16	0	4	8	12
32-17	D	4		4							
32-22	A	54					54				
32-25	A	25				25					
32-31	A	31					31				
32-48	Inst.	48					48				
32-52	D	8	2			6					
32-53	E/Inst.	42				5	37				
32-56	A	30				6*	24				
32-57	Coax	8				6		2			
32-58	Coax	4							4		
32-59	A	42					40			2	
32-60	A	23					15			8	
32-62	Coax	23		2	1	2	16			2	
32-64	Inst.	54					54				
32-68	A	16					12		4		
32-73	A	46					46				
32-75	Coax	9				2				7	
32-76	A	19				19					
32-79	D	5		4	1						
32-82	A	16		4			12				
32-AF	A	55					55				
32-AM	A	1	1 size 4/0								
36-1	D	22				4	18				
36-3	D	6	3			3					
36-4	D/A	3	3								
36-5	A	4	4								
36-6	A	6	2	4							
36-7	A	47				7	40				
36-8	A	47				1	46				
36-9	A	31		1	2	14	14				
36-10	A	48					48				
36-11	A	48					48				
36-12	A	48					48				
36-13	E/A	17				2	15				
36-14	D	16			5	5	6				
36-15	D/A	35					35				
36-16	A	47				7	40				
36-17	A	47				7	40				
36-18	A	31		1	2	14	14				
36-20	A	34			2	2	30				
36-22	D	22				22					
36-51	D	4	2	2							
36-52	A	52					52				
36-54	A	39			8		31				
36-55	A	39			8*		31				
36-59	A	53				3*	50				
36-60	A	47				7*	40				
36-64	Coax	4						4			
36-65	Coax	4						4			

*Crimp contacts accommodate wire the same size as the contact as well as wire of the next smaller, even size. Arrangements identified with an asterisk (*) are exceptions. See insert arrangement drawings on pages 6-28 for application wire size.

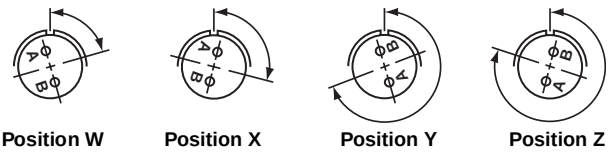
Insert Arrangement	Service Rating	Total Contacts	Contact Size								
								Coax**			
			0	4	8	12	16	0	4	8	12
36-71	A	53				3	50				
36-73	Coax	7							7		
36-74	A	44					43			1	
36-75	A	48					48*				
36-76	A	47					47				
36-77	D	7		7							
36-78	A	14			12		2				
36-79	A	20				20					
36-80	A	20				20*					
36-83	Coax	7							7		
36-85	A/D	35					35*				
36-97	C	1	1 size 4/0								
36-99	D	12		3	3	3	3				
36-AF	A	48					48				
40-1	D	30				6	24				
40-5	A	5	5								
40-9	A	47			1	22	24				
40-10	A	29		4	9		16				
40-30	A	30		1		29					
40-35	D	35				35					
40-53	A	60					60				
40-56	A	85					85				
40-57	E	4	4								
40-61	A	59			1	3	55				
40-62	A	60					60				
40-63	A	61					61*				
40-64	Coax	36				3	20			13	
40-66	Coax	4						4			
40-67	A	11					1		10		
40-68	A	21			21						
40-70	A	61					61				
40-72	A	11					1		10		
40-73	A	61					61				
40-74	A	6				1		4	1		
40-75	E	5	4			1					
40-80	A	11		10			1				
40-81	A	62					62*				
40-82	A	62					62				
40-85	A	60					60*				
40-86	Coax	4						4			
40-87	D	7		7							
40-AD	A	8	4		4						
40-AG	A	38				38					
40-AP	E	2	2 size 4/0								
40-AR	Inst.	13	3	3		7					
40-AS	A	40				25	15				
40-AT	A	43			1	24	18				
40-AU	A	14		3	10		1				
40-AV	D	3	3 size 2/0								

**Coaxial cable data can be found on insert arrangement drawings, pages 6-28. For further information on coaxial contacts and cable see catalog 12-130.

GT Series
insert alternate positioning

To avoid cross-plugging problems in applications requiring the use of more than one connector of the same size and arrangement, alternate rotations are available as indicated in the accompanying charts.

As shown in the diagram below, the front face of the pin insert is rotated within the shell in a clockwise direction from the normal shell key. The socket insert would be rotated counter-clockwise the same number of degrees in respect to the normal shell key.



View looking into front face of pin insert or rear of socket insert.

The following insert arrangements have the same alternate insert rotations for W, X, Y and Z, which are:

Degrees			
W	X	Y	Z
80	110	250	280

16-7	20-16	22-18	24-4	24-28	28-16	32-10
18-5	20-20	22-19	24-5	24-AJ	28-17	32-12
18-9	20-22	22-21	24-6	28-1	28-19	32-13
18-13	22-3	22-24	24-7	28-4	28-20	32-22
18-14	22-6	22-25	24-12	28-8	28-21	32-AF
20-7	22-12	22-29	24-14	28-9	32-1	36-1
20-8	22-14	22-33	24-16	28-10	32-3	36-7
20-9	22-15	22-34	24-17	28-11	32-4	36-8
20-12	22-16	24-1	24-20	28-14	32-6	36-13
20-14	22-17	24-3	24-21	28-15	32-9	40-53

Insert Arrangement	Degrees			
	W	X	Y	Z
10SL-4	63	–	–	–
14S-2	–	120	240	–
14S-5	–	110	–	–
14S-7	90	180	270	–
14S-9	70	145	215	290
16-9	35	110	250	325
16-10	90	180	270	–
16-11	35	110	250	325
16-13	35	110	250	325
16S-1	80	–	–	280
16S-4	35	110	250	325
16S-5	70	145	215	290
16S-6	90	180	270	–
16S-8	–	170	265	–
18-1	70	145	215	290
18-3	35	110	250	325
18-4	35	110	250	325
18-8	70	–	–	290
18-10	–	120	240	–
18-11	–	170	265	–
18-12	80	–	–	280
18-15	–	120	240	–
18-20	90	180	270	–
18-22	70	145	215	290
18-29	90	180	270	–
20-3	70	145	215	290
20-4	45	110	250	–
20-5	35	110	250	325
20-6	70	145	215	290
20-15	80	–	–	280
20-17	90	180	270	–
20-18	35	110	250	325

Insert Arrangement	Degrees			
	W	X	Y	Z
20-19	90	180	270	–
20-21	35	110	250	325
20-23	35	110	250	325
20-24	35	110	250	325
20-27	35	110	250	325
20-29	80	–	–	280
20-33	–	–	–	280
22-1	35	110	250	325
22-2	70	145	215	290
22-4	35	110	250	325
22-5	35	110	250	325
22-8	35	110	250	325
22-9	70	145	215	290
22-10	35	110	250	325
22-11	35	110	250	325
22-13	35	110	250	325
22-20	35	110	250	325
22-22	–	110	250	–
22-23	35	–	250	–
22-27	80	–	250	280
22-28	80	–	–	280
24-2	80	–	–	280
24-9	35	110	250	325
24-10	80	–	–	280
24-11	35	110	250	325
24-22	45	110	250	–
24-27	80	–	–	280
24-96	65	–	–	–
28-2	35	110	250	325
28-3	70	145	215	290
28-5	35	110	250	325
28-6	70	145	215	290

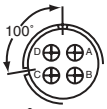
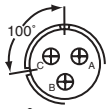
Insert Arrangement	Degrees			
	W	X	Y	Z
28-7	35	110	250	325
28-12	90	180	270	–
28-18	70	145	215	290
28-22	70	145	215	290
28-AY	45	110	250	–
32-2	70	145	215	290
32-5	35	110	250	325
32-7	80	125	235	280
32-8	80	125	235	280
32-15	35	110	250	280
32-17	45	110	250	–
32-25	60	120	–	–
32-64*	80	100	110	250
32-68	30	–	–	–
32-82	30	–	–	–
36-3	70	145	215	290
36-4	70	145	215	290
36-5	–	120	240	–
36-6	35	110	250	325
36-9	80	125	235	280
36-10	80	125	235	280
36-14	90	180	270	–
36-15	60	125	245	305
36-AF	65	–	–	–
40-1	65	130	235	300
40-5	33	–	–	270
40-9	65	125	225	310
40-10	65	125	225	310
40-35	70	130	230	290
40-56	72	144	216	288
40-AG	37	74	285	322

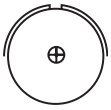
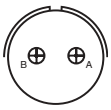
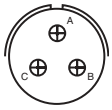
*Additional rotations available; consult Amphenol for information.

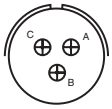
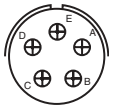
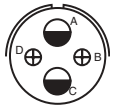
GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated

	 Front of Socket Insert	 Front of Socket Insert			
Insert Arrangement	**10SL-3**	**10SL-4**	**14S-2**	**14S-4**	**14S-5**
Service Rating	**A**	**A**	**Inst.**	**D**	**Inst.**
Number of Contacts	**3**	**2**	**4**	**1**	**5**
Contact Size	**16**	**16**	**16**	**16**	**16**

				 100° Rotation of 14S-2	 100° Rotation of 14S-7
Insert Arrangement	**14S-6**	**14S-7**	**14S-9**	**14S-10**	**14S-12**
Service Rating	**Inst.**	**A**	**A**	**Inst.**	**A**
Number of Contacts	**6**	**3**	**2**	**4**	**3**
Contact Size	**16**	**16**	**16**	**16**	**16**

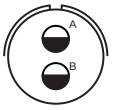
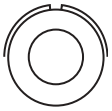
					
Insert Arrangement	**14S-A7**	**16S-1**	**16S-3**	**16S-4**	**16S-5**
Service Rating	**A**	**A**	**B**	**D**	**A**
Number of Contacts	**7**	**7**	**1**	**2**	**3**
Contact Size	**16**	**16**	**16**	**16**	**16**

					
Insert Arrangement	**16S-6**	**16S-8**	**16-2**	**16-7**	**16-9**
Service Rating	**A**	**A**	**E**	**A**	**A**
Number of Contacts	**3**	**5**	**1**	**1 2**	**2 2**
Contact Size	**16**	**16**	**12**	**8 16**	**12 16**

CONTACT LEGEND **16 12 8 4 0**

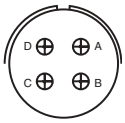
GT Series
contact arrangements

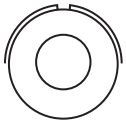
front face of pin insert or rear face of socket insert illustrated

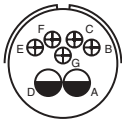
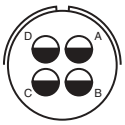
Insert Arrangement	16-10	16-11	16-12	16-13	16-59
Service Rating	A	A	A	A	A
Number of Contacts	3	2	1	2*	4
Contact Size	12	12	4	12	12

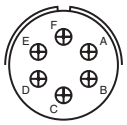




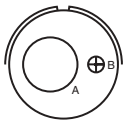
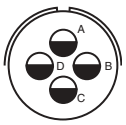


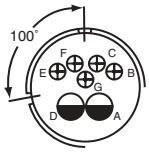

Insert Arrangement	18-1	18-3	18-4	18-5	18-6	18-7
Service Rating	B, C, F, G = A; Bal. = Inst.	D	D	D	D	B
Number of Contacts	10	2	4	2 1	1	1
Contact Size	16	12	16	12 16	4	8

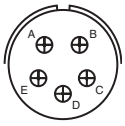







Insert Arrangement	18-8	18-9	18-10	18-11	18-12	18-13
Service Rating	A	Inst.	A	A	A	A
Number of Contacts	1 7	2 5	4	5	6	1 3
Contact Size	12 16	12 16	12	12	16	8 12



100° Rotation of 18-9

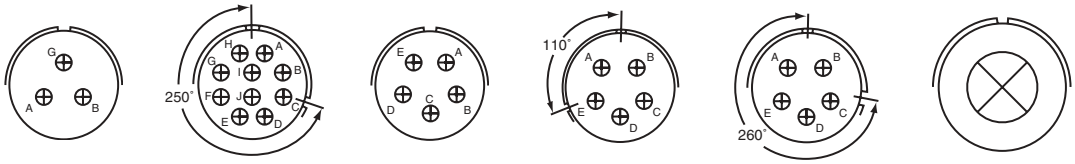
Insert Arrangement	18-14	18-15	18-16	18-17	18-19	18-20
Service Rating	A	A	C	Inst.	A	A
Number of Contacts	1 1	4**	1	2 5	10	5
Contact Size	4 16	12	12	12 16	16	16

CONTACT LEGEND 16 12 8 4 0

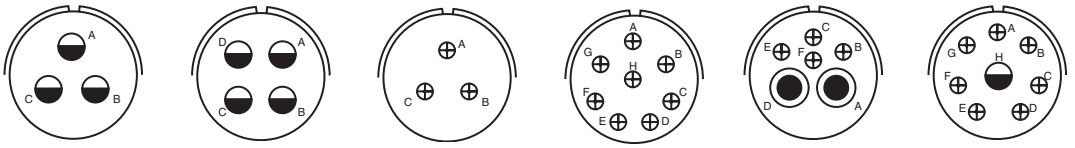
* A = Iron; B = Constantan
**A, C = Iron; B, D = Constantan

GT Series
contact arrangements

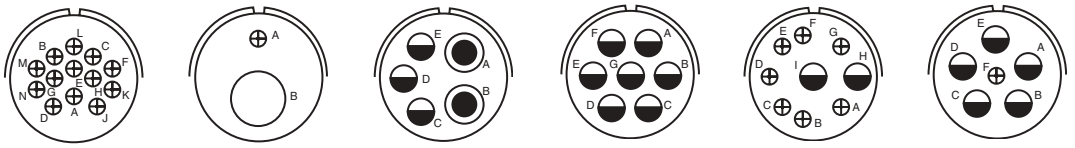
front face of pin insert or rear face of socket insert illustrated



		250° Rotation of 18-1		110° Rotation of 18-20	260° Rotation of 18-20	
Insert Arrangement	**18-22**	**18-24**	**18-29**	**18-30**	**18-31**	**20-2**
Service Rating	**D**	**B, C, F, G = A; Bal. = Inst.**	**A**	**A**	**A**	**D**
Number of Contacts	**3**	**10**	**5**	**5**	**5**	**1**
Contact Size	**16**	**16**	**16**	**16**	**16**	**0**



Insert Arrangement	**20-3**	**20-4**	**20-6**	**20-7**	**20-8**	**20-9**
Service Rating	**D**	**D**	**D**	**A, B, H, G = D; C, D, E, F = A**	**Inst.**	**H = D; Bal. = A**
Number of Contacts	**3**	**4**	**3**	**8**	**2 4**	**1 7**
Contact Size	**12**	**12**	**16**	**16**	**8 16**	**12 16**

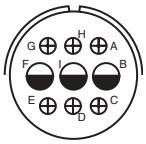
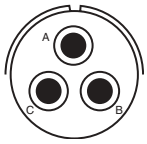
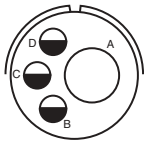
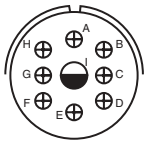
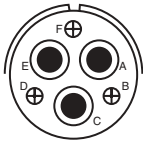
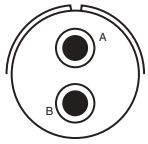


Insert Arrangement	**20-11**	**20-12**	**20-14**	**20-15**	**20-16**	**20-17**
Service Rating	**Inst.**	**A**	**A**	**A**	**A**	**A**
Number of Contacts	**13**	**1 1**	**2 3**	**7**	**2 7**	**5 1**
Contact Size	**16**	**4 16**	**8 12**	**12**	**12 16**	**12 16**

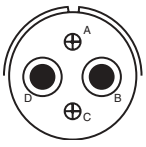
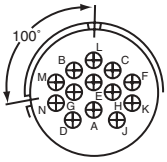
CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**

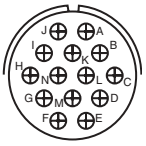
GT Series
contact arrangements

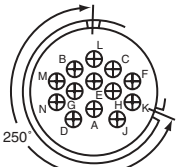
front face of pin insert or rear face of socket insert illustrated

Insert Arrangement	20-18	20-19	20-20	20-21	20-22	20-23
Service Rating	A	A	A	A	A	A
Number of Contacts	3 6	3	1 3	1 8	3 3	2
Contact Size	12 16	8	4 12	12 16	8 16	8

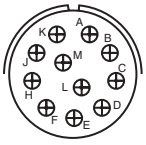



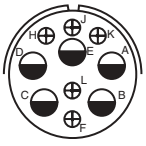


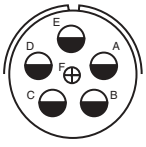
100° Rotation of 20-11

250° Rotation of 20-11

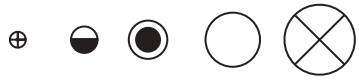
Insert Arrangement	20-24	20-25	20-26	20-27	20-29	20-30
Service Rating	A	Inst.	A	A	A	Inst.
Number of Contacts	2 2	13	19	14	17	13
Contact Size	8 16	16	16	16	16	16





Insert Arrangement	20-33	20-51	20-57	20-58	20-59	20-66
Service Rating	A	A	A	A	A	A
Number of Contacts	11	3*	7*	5 5	3*	1 5
Contact Size	16	8	12 for #14 or 16 wire	12 16	8 for #10 or 12 wire	16 12 for #10 wire

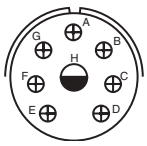


CONTACT LEGEND 16 12 8 4 0

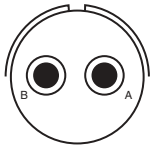
* Solderless

GT Series
contact arrangements

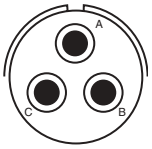
front face of pin insert or rear face of socket insert illustrated



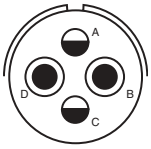
Insert Arrangement	**20-79**
Service Rating	**H=D; Bal. = A**
Number of Contacts	**7* 1***
Contact Size	**16 12 for #16 wire**



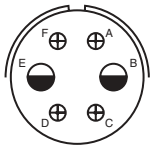
Insert Arrangement	**22-1**
Service Rating	**D**
Number of Contacts	**2**
Contact Size	**8**



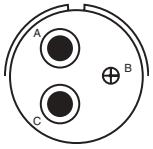
Insert Arrangement	**22-2**
Service Rating	**D**
Number of Contacts	**3**
Contact Size	**8**



Insert Arrangement	**22-4**
Service Rating	**A**
Number of Contacts	**2 2**
Contact Size	**8 12**



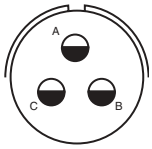
Insert Arrangement	**22-5**
Service Rating	**D**
Number of Contacts	**2 4**
Contact Size	**12 16**



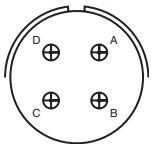
Insert Arrangement	**22-6**
Service Rating	**D**
Number of Contacts	**2 1**
Contact Size	**8 16**

Insert Arrangement	**22-7**
Service Rating	**E**
Number of Contacts	**1**
Contact Size	**0**

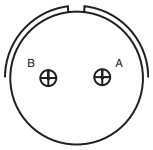
Insert Arrangement	**22-8**
Service Rating	**E**
Number of Contacts	**2**
Contact Size	**12**



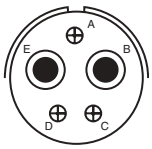
Insert Arrangement	**22-9**
Service Rating	**E**
Number of Contacts	**3**
Contact Size	**12**



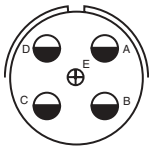
Insert Arrangement	**22-10**
Service Rating	**E**
Number of Contacts	**4**
Contact Size	**16**



Insert Arrangement	**22-11**
Service Rating	**B**
Number of Contacts	**2**
Contact Size	**16**

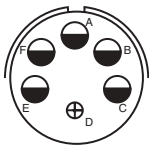


Insert Arrangement	**22-12**
Service Rating	**D**
Number of Contacts	**2 3**
Contact Size	**8 16**



Insert Arrangement	**22-13**
Service Rating	**E = D; A, B, C, D = A**
Number of Contacts	**4 1**
Contact Size	**12 16**

Insert Arrangement	**22-14**
Service Rating	**A**
Number of Contacts	**19**
Contact Size	**16**



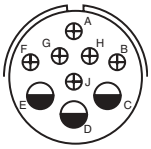
Insert Arrangement	**22-15**
Service Rating	**D = E; A, B, C, E, F = A**
Number of Contacts	**5 1**
Contact Size	**12 16**

CONTACT LEGEND **16 12 8 4 0**

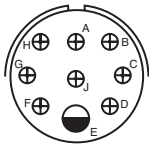
* Solderless

GT Series
contact arrangements

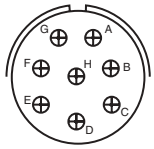
front face of pin insert or rear face of socket insert illustrated



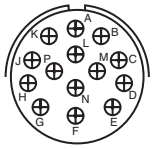
Insert Arrangement	**22-16**
Service Rating	**A**
Number of Contacts	**3 6**
Contact Size	**12 16**



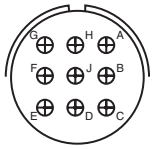
Insert Arrangement	**22-17**
Service Rating	**A = D; Bal. = A**
Number of Contacts	**1 8**
Contact Size	**12 16**



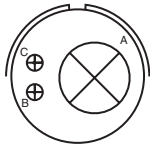
Insert Arrangement	**22-18**
Service Rating	**A, B, F, G, H = D; C, D, E = A**
Number of Contacts	**8**
Contact Size	**16**



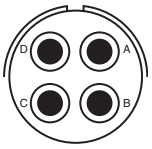
Insert Arrangement	**22-19**
Service Rating	**A**
Number of Contacts	**14**
Contact Size	**16**



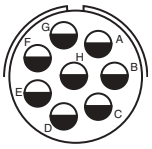
Insert Arrangement	**22-20**
Service Rating	**A**
Number of Contacts	**9**
Contact Size	**16**



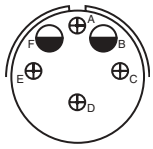
Insert Arrangement	**22-21**
Service Rating	**A**
Number of Contacts	**1 2**
Contact Size	**0 16**



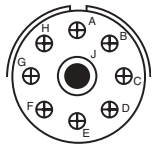
Insert Arrangement	**22-22**
Service Rating	**A**
Number of Contacts	**4**
Contact Size	**8**



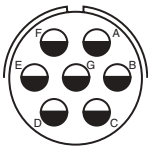
Insert Arrangement	**22-23**
Service Rating	**H = D; Bal. = A**
Number of Contacts	**8**
Contact Size	**12**



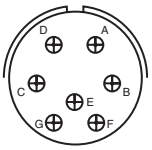
Insert Arrangement	**22-24**
Service Rating	**C, D, E = D; A, B, F = A**
Number of Contacts	**2 4**
Contact Size	**12 16**



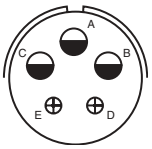
Insert Arrangement	**22-27**
Service Rating	**J = D; Bal. = A**
Number of Contacts	**1 8**
Contact Size	**8 16**



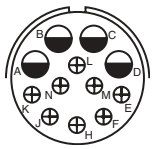
Insert Arrangement	**22-28**
Service Rating	**A**
Number of Contacts	**7**
Contact Size	**12**



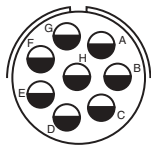
Insert Arrangement	**22-33**
Service Rating	**A, B, C, D = D; E. F. G = A**
Number of Contacts	**7**
Contact Size	**16**



Insert Arrangement	**22-34**
Service Rating	**D**
Number of Contacts	**3 2**
Contact Size	**12 16**



Insert Arrangement	**22-63**
Service Rating	**A**
Number of Contacts	**4 8**
Contact Size	**12 16**



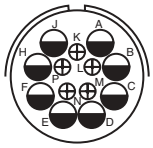
Insert Arrangement	**22-65**
Service Rating	**H = D; Bal. = A**
Number of Contacts	**8***
Contact Size	**12 for #14 or 16 wire**

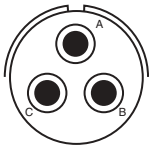
* Solderless

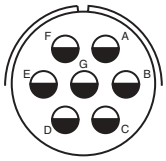
CONTACT LEGEND **16** **12** **8** **4** **0**

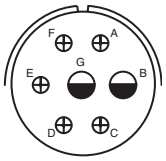
GT Series
contact arrangements

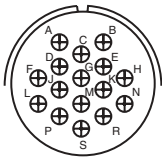
front face of pin insert or rear face of socket insert illustrated



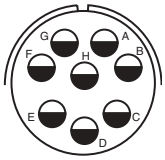


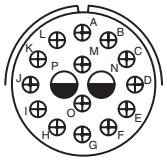


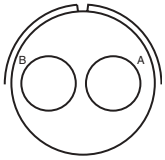


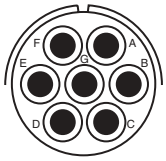


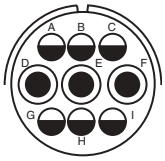
Insert Arrangement	**22-70**	**22-80**	**24-2**	**24-3**	**24-5**
Service Rating	**A**	**A**	**D**	**D**	**A**
Number of Contacts	**8 5**	**3***	**7**	**2 5**	**16**
Contact Size	**12 16**	**8 for #10 or 12 wire**	**12**	**12 16**	**16**



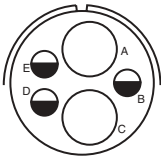


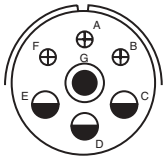


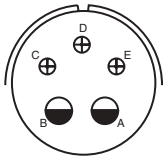


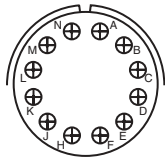


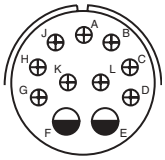
Insert Arrangement	**24-6**	**24-7**	**24-9**	**24-10**	**24-11**
Service Rating	**A, G, H = D; Bal. = A**	**A**	**A**	**A**	**A**
Number of Contacts	**8**	**2 14**	**2**	**7**	**3 6**
Contact Size	**12**	**12 16**	**4**	**8**	**8 12**



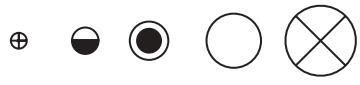








Insert Arrangement	**24-12**	**24-16**	**24-17**	**24-19**	**24-20**
Service Rating	**A**	**A, B, F, G = D; C, D, E = A**	**D**	**A**	**D**
Number of Contacts	**2 3**	**1 3 3**	**2 3**	**12**	**2 9**
Contact Size	**4 12**	**8 12 16**	**12 16**	**16**	**12 16**

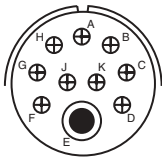
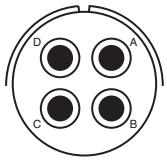
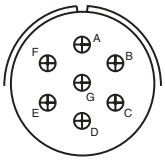
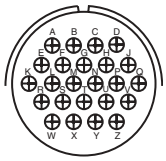
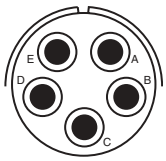


CONTACT LEGEND **16 12 8 4 0**

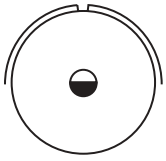
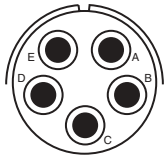
* Solderless

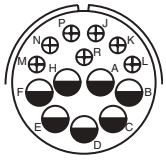
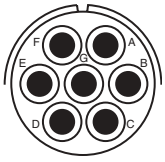
GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated

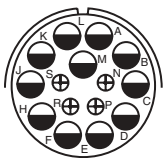
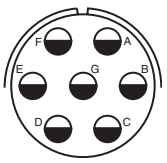
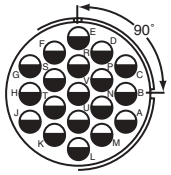






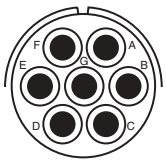
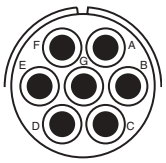
Insert Arrangement	**24-21**	**24-22**	**24-27**	**24-28**	**24-51**
Service Rating	**D**	**D**	**E**	**Inst.**	**A**
Number of Contacts	**1 9**	**4**	**7**	**24**	**5***
Contact Size	**8 16**	**8**	**16**	**16**	**B, E for AN #10 or 12 wire A, C, D for AN #8 wire**

Insert Arrangement	**24-52**	**24-53**	**24-58**	**24-59**	**24-60**
Service Rating	**Hi-Volt**	**A**	**A**	**A**	**A**
Number of Contacts	**1**	**5***	**3 3 7**	**7 7**	**7***
Contact Size	**12**	**8**	**8 12 16**	**12 16**	**8 for #10 or 12 wire**

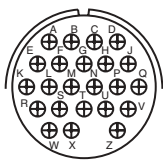
Insert Arrangement	**24-65**	**24-66**	**24-67**	**24-71**	**24-75**
Service Rating	**A**	**D**	**Inst.**	**A**	**A**
Number of Contacts	**11 4**	**7**	**19**	**2* 5***	**5 2**
Contact Size	**12 16**	**12**	**12**	**8 8 for #10 or 12 wire**	**8 8 for #16 wire**

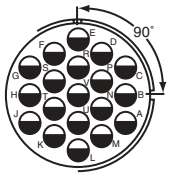
* Solderless

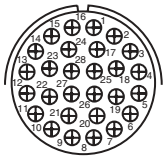
CONTACT LEGEND **16** **12** **8** **4** **0**

GT Series
contact arrangements

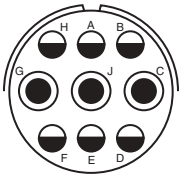
front face of pin insert or rear face of socket insert illustrated

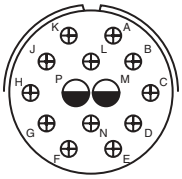


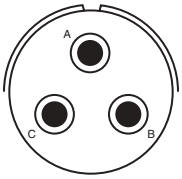


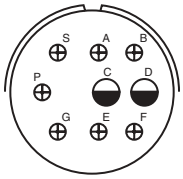


Insert Arrangement	**24-79**	**24-80**	**24-84**	**24-96**	**24-AJ**
Service Rating	**A**	**Inst.**	**A**	**Inst.**	**A**
Number of Contacts	**5**	**23**	**1 18**	**28**	**25**
Contact Size	**8**	**16**	**12 12 (Coax) RG-188/U or RG-174/U**	**16**	**16**

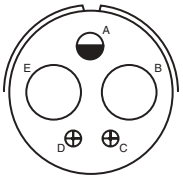


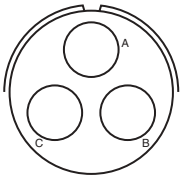


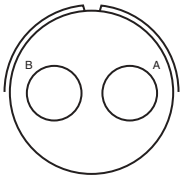


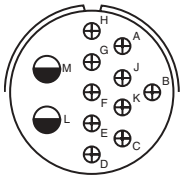


Insert Arrangement	**28-1**	**28-2**	**28-3**	**28-4**
Service Rating	**A, J, E = D; Bal. = A**	**D**	**E**	**G, P, S = E; Bal. = D**
Number of Contacts	**3 6**	**2 12**	**3**	**2 7**
Contact Size	**8 12**	**12 16**	**8**	**12 16**







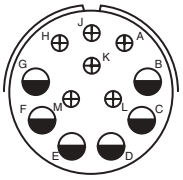


Insert Arrangement	**28-5**	**28-6**	**28-7**	**28-8**
Service Rating	**D**	**D**	**D**	**L, M = E; B = D; Bal. = A**
Number of Contacts	**2 1 2**	**3**	**2**	**2 10**
Contact Size	**4 12 16**	**4**	**4**	**12 16**

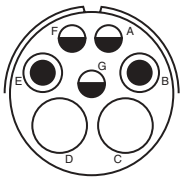
CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**

GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated

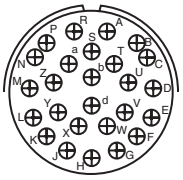


Insert Arrangement	**28-9**
Service Rating	**D**
Number of Contacts	**6 6**
Contact Size	**12 16**

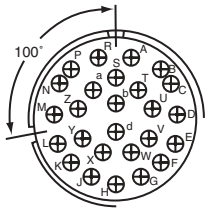


Insert Arrangement	**28-10**
Service Rating	**G = D; Bal. = A**
Number of Contacts	**2 2 3**
Contact Size	**4 8 12**

Insert Arrangement	**28-11**
Service Rating	**A**
Number of Contacts	**4 18**
Contact Size	**12 16**

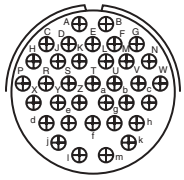


Insert Arrangement	**28-12**
Service Rating	**A**
Number of Contacts	**26**
Contact Size	**16**

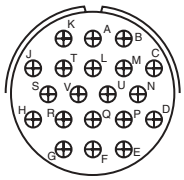


100° Rotation
of 32-6

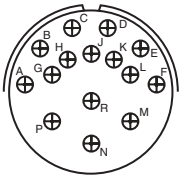
Insert Arrangement	**28-13**
Service Rating	**A**
Number of Contacts	**26**
Contact Size	**16**



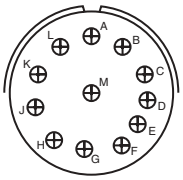
Insert Arrangement	**28-15**
Service Rating	**A**
Number of Contacts	**35**
Contact Size	**16**



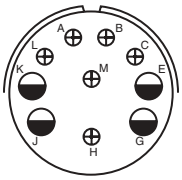
Insert Arrangement	**28-16**
Service Rating	**A**
Number of Contacts	**20**
Contact Size	**16**



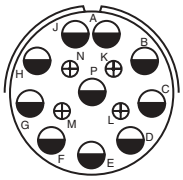
Insert Arrangement	**28-17**
Service Rating	**R = B; M, N, P = D; A to L = A**
Number of Contacts	**15**
Contact Size	**16**



Insert Arrangement	**28-18**
Service Rating	**M = C; G, H, J, K,L = D; A, B = A; Bal. = Inst.**
Number of Contacts	**12**
Contact Size	**16**



Insert Arrangement	**28-19**
Service Rating	**H, M = B; A, B, = D; Bal. = A**
Number of Contacts	**4 6**
Contact Size	**12 16**



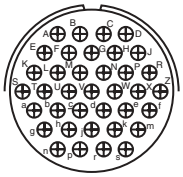
Insert Arrangement	**28-20**
Service Rating	**A**
Number of Contacts	**10 4**
Contact Size	**12 16**

CONTACT LEGEND **16 12 8 4 0**

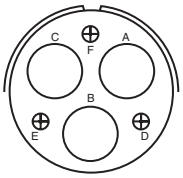
* Solderless

GT Series
contact arrangements

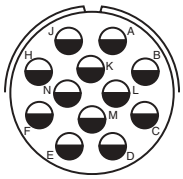
front face of pin insert or rear face of socket insert illustrated



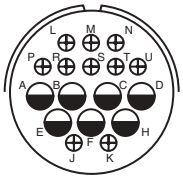
Insert Arrangement	**28-21**
Service Rating	**A**
Number of Contacts	**37**
Contact Size	**16**



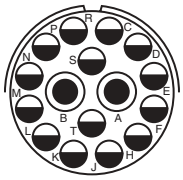
Insert Arrangement	**28-22**
Service Rating	**D**
Number of Contacts	**3 3**
Contact Size	**4 16**



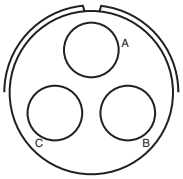
Insert Arrangement	**28-51**
Service Rating	**A**
Number of Contacts	**12**
Contact Size	**12**



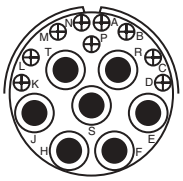
Insert Arrangement	**28-59**
Service Rating	**A**
Number of Contacts	**7 10**
Contact Size	**12 16**



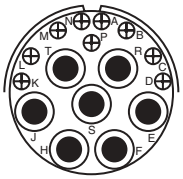
Insert Arrangement	**28-66**
Service Rating	**A**
Number of Contacts	**2 14**
Contact Size	**8 12**



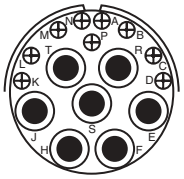
Insert Arrangement	**28-72**
Service Rating	**–**
Number of Contacts	**3**
Contact Size	**4 (Coax) RG-59A/U or RG-62A/U**



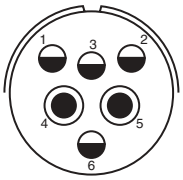
Insert Arrangement	**28-74**
Service Rating	**A**
Number of Contacts	**9* 4* 3***
Contact Size	**16 8 8 for #10 wire (S, T, R)**



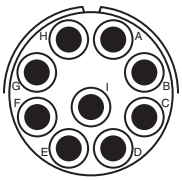
Insert Arrangement	**28-75**
Service Rating	**A**
Number of Contacts	**9* 7***
Contact Size	**16 8 for #10 wire**



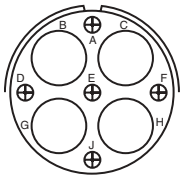
Insert Arrangement	**28-79**
Service Rating	**A**
Number of Contacts	**7 9**
Contact Size	**8 16**



Insert Arrangement	**28-82**
Service Rating	**D**
Number of Contacts	**2 4**
Contact Size	**8 12**



Insert Arrangement	**28-84**
Service Rating	**A**
Number of Contacts	**9**
Contact Size	**8**



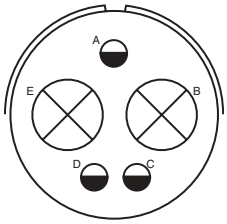
Insert Arrangement	**28-AY**
Service Rating	**A**
Number of Contacts	**4 5**
Contact Size	**4 16**

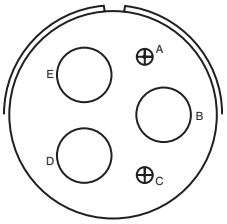
CONTACT LEGEND **16 12 8 4 0**

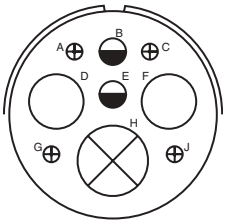
* Solderless

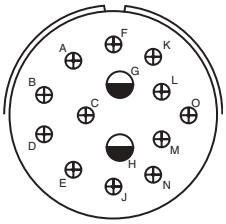
GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated

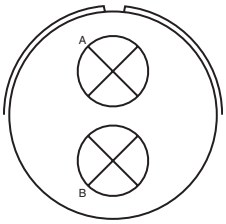


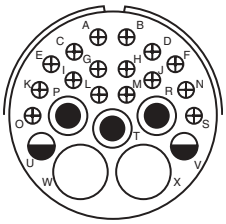


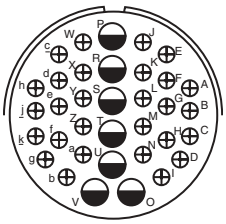




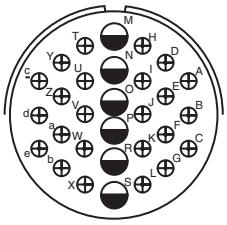
Insert Arrangement	**32-1**	**32-2**	**32-3**	**32-4**
Service Rating	**A = E; B, C, D, E = D**	**E**	**D**	**F, J, K, N = A:, Bal. = D**
Number of Contacts	**2 3**	**3 2**	**1 2 2 4**	**2 12**
Contact Size	**0 12**	**4 16**	**0 4 12 16**	**12 16**

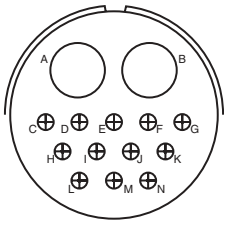


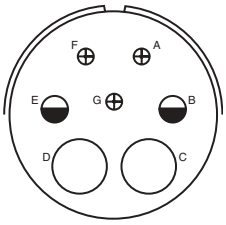




Insert Arrangement	**32-5**	**32-6**	**32-7**
Service Rating	**D**	**A**	**A, B, h, j = Inst.; Bal. = A**
Number of Contacts	**2**	**2 3 2 16**	**7 28**
Contact Size	**0**	**4 8 12 16**	**12 16**





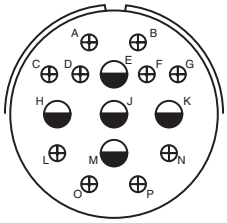


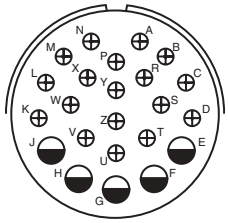
Insert Arrangement	**32-8**	**32-9**	**32-10**
Service Rating	**A**	**D**	**A, F = E; G = B; B, E = D; C, D = A**
Number of Contacts	**6 24**	**2 12**	**2 2 3**
Contact Size	**12 16**	**4 16**	**4 8 16**

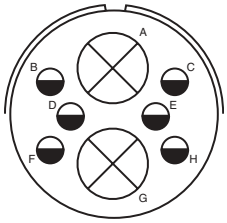
CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**

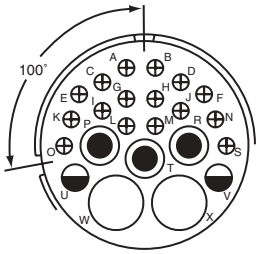
GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated



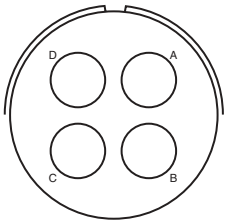


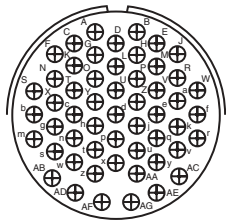


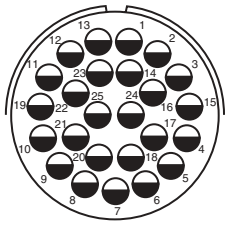


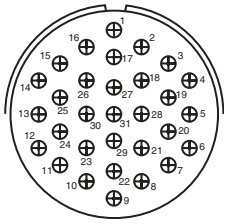
100° Rotation of 32-6

Insert Arrangement	**32-12**	**32-13**	**32-15**	**32-16**
Service Rating	**C, D, E, F, G = A; Bal. = D**	**D**	**D**	**A**
Number of Contacts	**5 10**	**5 18**	**2 6**	**2 3 2 16**
Contact Size	**12 16**	**12 16**	**0 12**	**4 8 12 16**

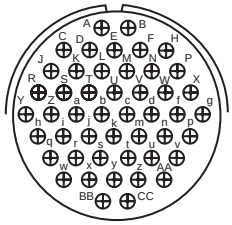


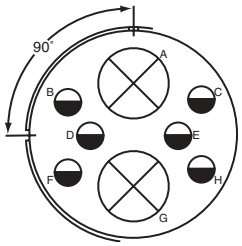




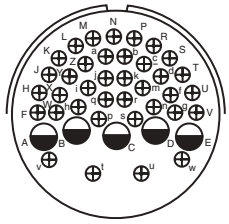


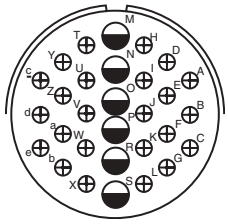
Insert Arrangement	**32-17**	**32-22**	**32-25**	**32-31**
Service Rating	**D**	**A**	**A**	**A**
Number of Contacts	**4**	**54**	**25**	**31**
Contact Size	**4**	**16**	**12**	**16**





90° CW Rotation of 32-15



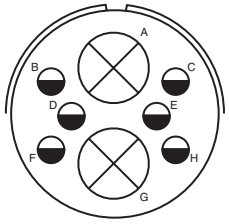


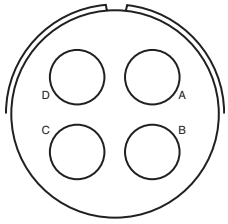
Insert Arrangement	**32-48**	**32-52**	**32-53**	**32-56**
Service Rating	**Inst.**	**D**	**t, u = E; Bal. = Inst.**	**A**
Number of Contacts	**48**	**2 6**	**5 37**	**24 6**
Contact Size	**16**	**0 12**	**12 16**	**16 12 for #10 wire**

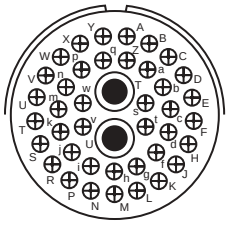
CONTACT LEGEND **16 12 8 4 0**

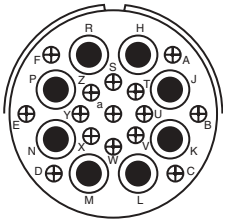
GT Series
contact arrangements

front face of pin insert or rear face of socket insert illustrated

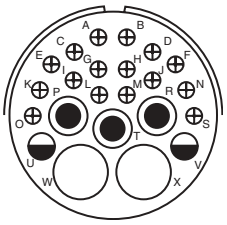


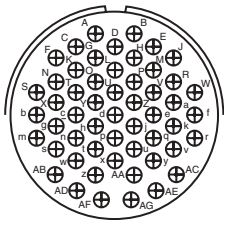


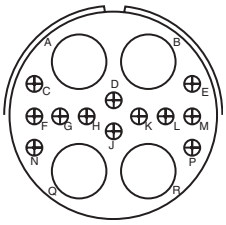




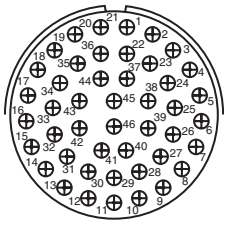
Insert Arrangement	32-57	32-58	32-59	32-60
Service Rating	**	–	A	A
Number of Contacts	6 2	4	40 2	15 8
Contact Size	12 0 (Coax) RG-71/U	4 (Coax) RG-161/U or RG-179/U	16 8 (Coax) RG-161/U	16 8 (Coax) RG-124/U

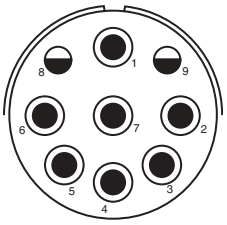


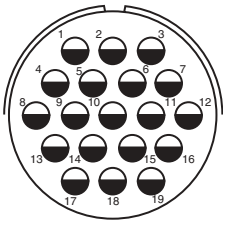


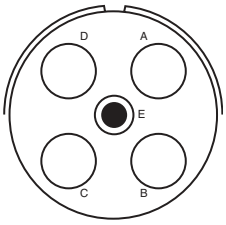


Insert Arrangement	32-62	32-64	32-68
Service Rating	**	Inst.	A
Number of Contacts	2 1 2 16 2	54	12 4
Contact Size	4 8 12 16 8 (Coax) RG-124/U	16	16 4 (Coax) RG-58C/U







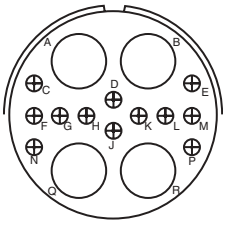


Insert Arrangement	32-73	32-75	32-76	32-79
Service Rating	A	8, 9 = D	A	D
Number of Contacts	46	2 7	19	4 1
Contact Size	16	12 8 (Coax) RG-180B/U	12	4 8

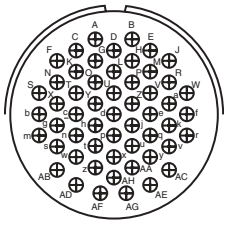
** Consult Amphenol, Sidney, NY for service rating of power contacts.

GT Series
contact arrangements

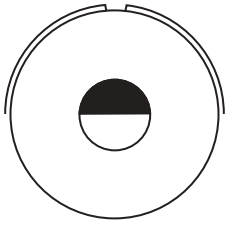
front face of pin insert or rear face of socket insert illustrated



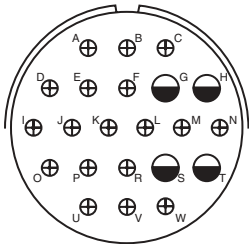
Insert Arrangement	**32-82**
Service Rating	**A**
Number of Contacts	**4 12**
Contact Size	**4 16**



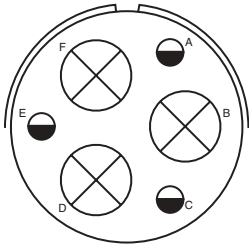
Insert Arrangement	**32-AF**
Service Rating	**A**
Number of Contacts	**55**
Contact Size	**16**



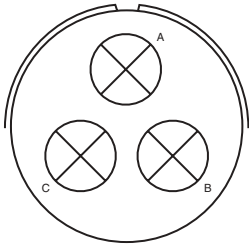
Insert Arrangement	**32-AM**
Service Rating	**A**
Number of Contacts	**1**
Contact Size	**4/0**



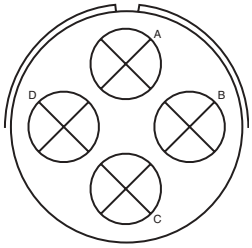
Insert Arrangement	**36-1**
Service Rating	**D**
Number of Contacts	**4 18**
Contact Size	**12 16**



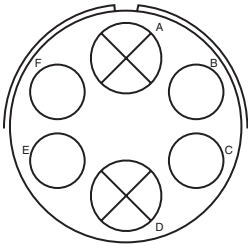
Insert Arrangement	**36-3**
Service Rating	**D**
Number of Contacts	**3 3**
Contact Size	**0 12**



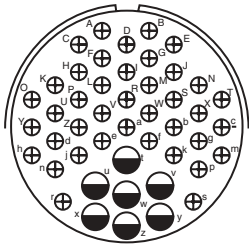
Insert Arrangement	**36-4**
Service Rating	**A = D; B, C = A**
Number of Contacts	**3**
Contact Size	**0**



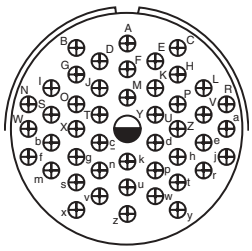
Insert Arrangement	**36-5**
Service Rating	**A**
Number of Contacts	**4**
Contact Size	**0**



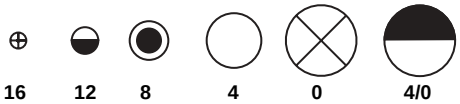
Insert Arrangement	**36-6**
Service Rating	**A**
Number of Contacts	**2 4**
Contact Size	**0 4**



Insert Arrangement	**36-7**
Service Rating	**A**
Number of Contacts	**7 40**
Contact Size	**12 16**



Insert Arrangement	**36-8**
Service Rating	**A**
Number of Contacts	**1 46**
Contact Size	**12 16**



CONTACT LEGEND **16 12 8 4 0 4/0**

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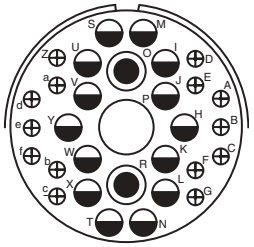
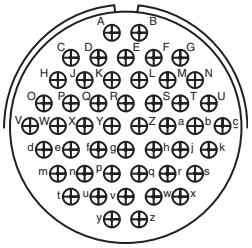
GT Series
contact arrangements

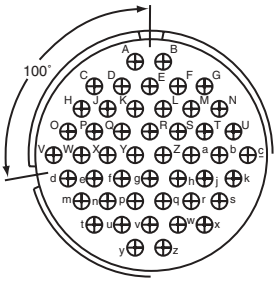
front face of pin insert or rear face of socket insert illustrated



Insert Arrangement	**36-9**
Service Rating	**A**
Number of Contacts	**1 2 14 14**
Contact Size	**4 8 12 16**

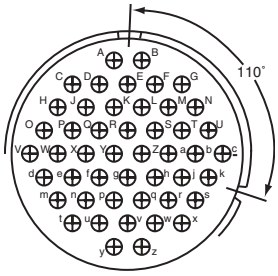


Insert Arrangement	**36-10**
Service Rating	**A**
Number of Contacts	**48**
Contact Size	**16**



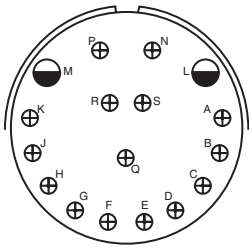
100° Rotation of 36-10

Insert Arrangement	**36-11**
Service Rating	**A**
Number of Contacts	**48**
Contact Size	**16**

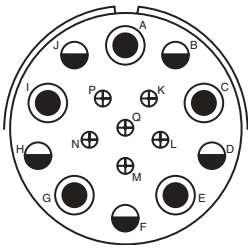


110° Rotation of 36-10

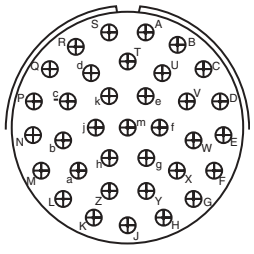
Insert Arrangement	**36-12**
Service Rating	**A**
Number of Contacts	**48**
Contact Size	**16**



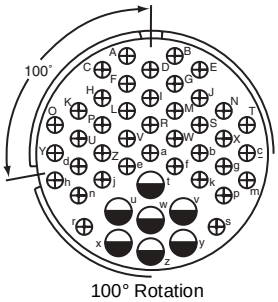
Insert Arrangement	**36-13**
Service Rating	**N, P, Q = E; Bal. = A**
Number of Contacts	**2 15**
Contact Size	**12 16**



Insert Arrangement	**36-14**
Service Rating	**D**
Number of Contacts	**5 5 6**
Contact Size	**8 12 16**

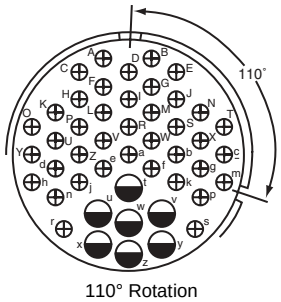


Insert Arrangement	**36-15**
Service Rating	**M = D; Bal. = A**
Number of Contacts	**35**
Contact Size	**16**



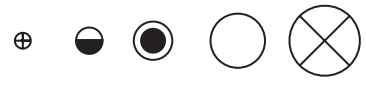
100° Rotation of 36-7

Insert Arrangement	**36-16**
Service Rating	**A**
Number of Contacts	**7 40**
Contact Size	**12 16**



110° Rotation of 36-7

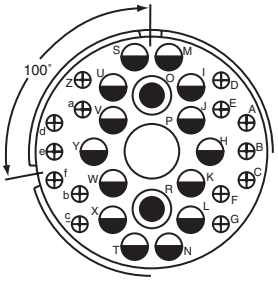
Insert Arrangement	**36-17**
Service Rating	**A**
Number of Contacts	**7 40**
Contact Size	**12 16**



CONTACT LEGEND **16 12 8 4 0**

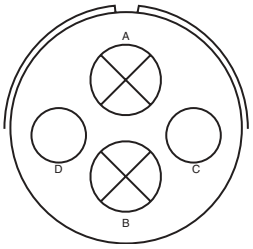
GT Series
contact arrangements

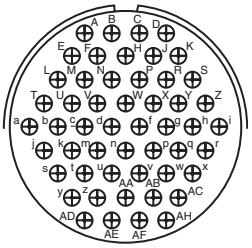
front face of pin insert or rear face of socket insert illustrated

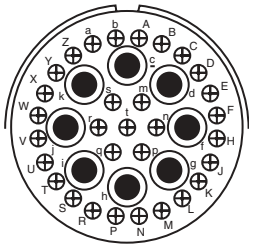


100° Rotation
of 36-9

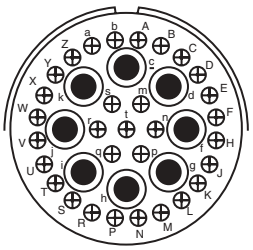
Insert Arrangement	36-18	36-20	36-22
Service Rating	A	A	D
Number of Contacts	1 2 14 14	2 2 30	22
Contact Size	4 8 12 16	8 12 16	12

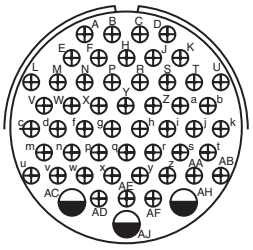


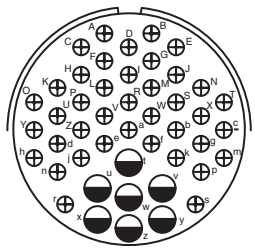




Insert Arrangement	36-51	36-52	36-54
Service Rating	D	A	A
Number of Contacts	2 2	52	8 31
Contact Size	0 4	16	8 16





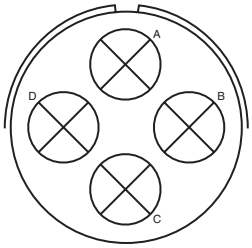


Insert Arrangement	36-55	36-59	36-60
Service Rating	A	A	A
Number of Contacts	31 8	50 3	40 7
Contact Size	16 8 for #6 wire	16 12 for #10 wire	16 12 for #10 wire

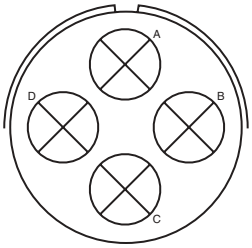
CONTACT LEGEND	16	12	8	4	0

GT Series
contact arrangements

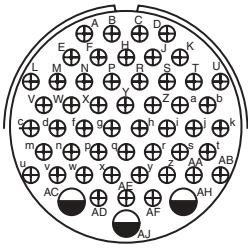
front face of pin insert or rear face of socket insert illustrated



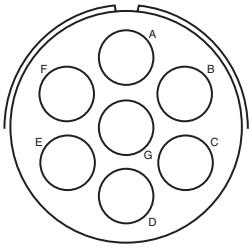
Insert Arrangement	**36-64**
Service Rating	**–**
Number of Contacts	**4**
Contact Size	**0 (Coax) RG-11/U RG-12/U, or RG-13/U**



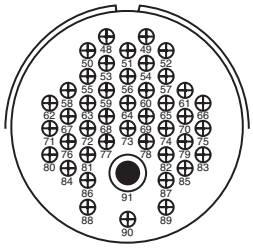
Insert Arrangement	**36-65**
Service Rating	**–**
Number of Contacts	**4**
Contact Size	**0 (Coax) RG-59/U, RG-62/U or RG-71/U**



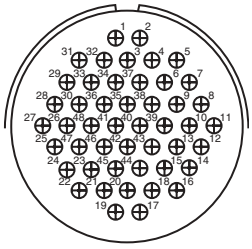
Insert Arrangement	**36-71**
Service Rating	**A**
Number of Contacts	**3 50**
Contact Size	**12 16**



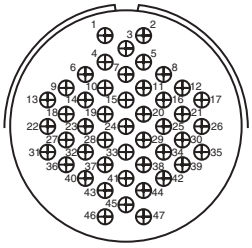
Insert Arrangement	**36-73**
Service Rating	**–**
Number of Contacts	**7**
Contact Size	**4 (Coax) RG-62B/U**



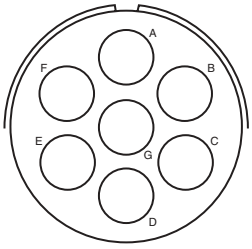
Insert Arrangement	**36-74**
Service Rating	**A**
Number of Contacts	**43 1**
Contact Size	**16 8 (Coax) RG-187/B**



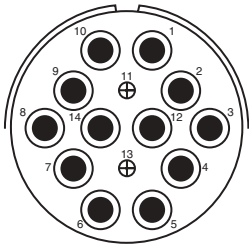
Insert Arrangement	**36-75**
Service Rating	**A**
Number of Contacts	**48**
Contact Size	**16 for #14 wire**



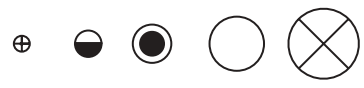
Insert Arrangement	**36-76**
Service Rating	**A**
Number of Contacts	**47**
Contact Size	**16**



Insert Arrangement	**36-77**
Service Rating	**D**
Number of Contacts	**7**
Contact Size	**4**



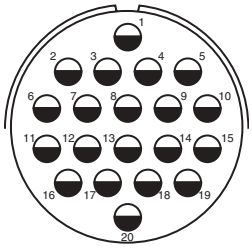
Insert Arrangement	**36-78**
Service Rating	**A**
Number of Contacts	**2 12**
Contact Size	**16 8**

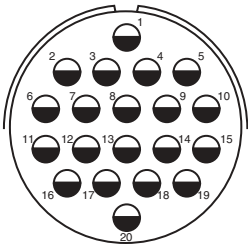


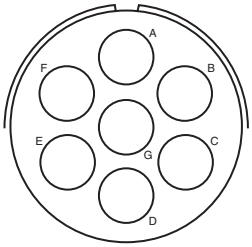
CONTACT LEGEND **16** **12** **8** **4** **0**

GT Series
contact arrangements

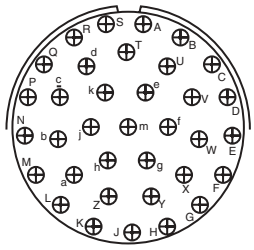
front face of pin insert or rear face of socket insert illustrated

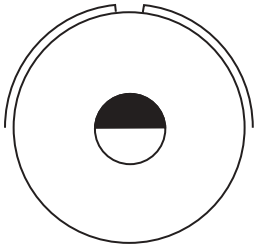


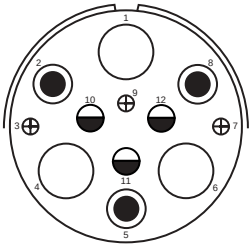




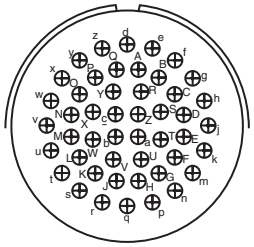
Insert Arrangement	**36-79**	**36-80**	**36-83**
Service Rating	**A**	**A**	**–**
Number of Contacts	**20**	**20**	**7**
Contact Size	**12**	**12 for #10 wire**	**4 (Coax) RG-58/U**

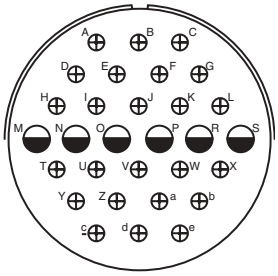


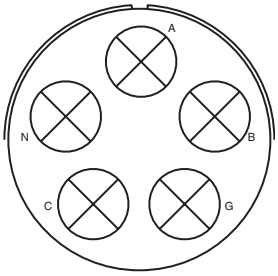




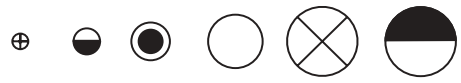
Insert Arrangement	**36-85**	**36-97**	**36-99**
Service Rating	**M = D; Bal. = A**	**C**	**D**
Number of Contacts	**35**	**1**	**3 3 3 3**
Contact Size	**16 for #12 wire**	**4/0**	**4 8 12 16**







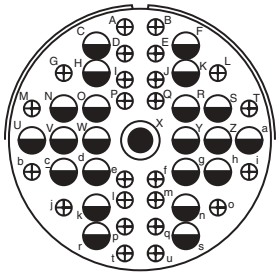
Insert Arrangement	**36-AF**	**40-1**	**40-5**
Service Rating	**A**	**D**	**A**
Number of Contacts	**48**	**6 24**	**5**
Contact Size	**16**	**12 16**	**0**



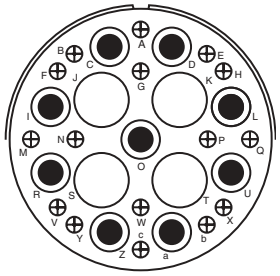
CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**	**4/0**

GT Series
contact arrangements

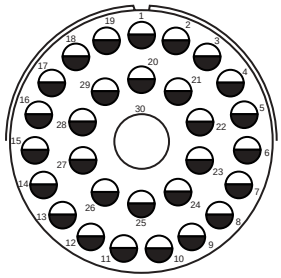
front face of pin insert or rear face of socket insert illustrated



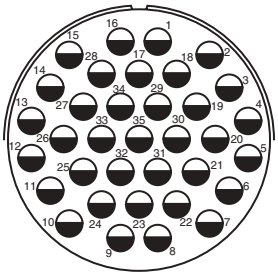
Insert Arrangement	**40-9**
Service Rating	**A**
Number of Contacts	**1 22 24**
Contact Size	**8 12 16**



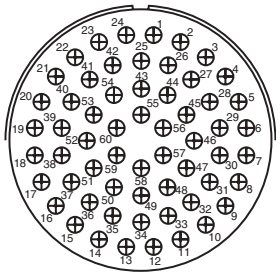
Insert Arrangement	**40-10**
Service Rating	**A**
Number of Contacts	**4 9 16**
Contact Size	**4 8 16**



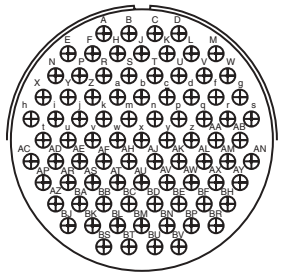
Insert Arrangement	**40-30**
Service Rating	**A**
Number of Contacts	**29 1**
Contact Size	**12 4**



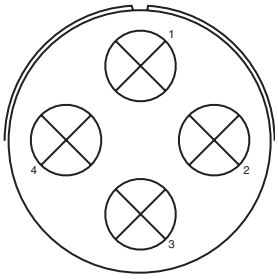
Insert Arrangement	**40-35**
Service Rating	**D**
Number of Contacts	**35**
Contact Size	**12**



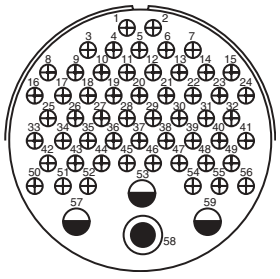
Insert Arrangement	**40-53**
Service Rating	**A**
Number of Contacts	**60**
Contact Size	**16**



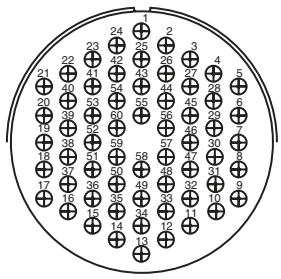
Insert Arrangement	**40-56**
Service Rating	**A**
Number of Contacts	**85**
Contact Size	**16**



Insert Arrangement	**40-57**
Service Rating	**E**
Number of Contacts	**4**
Contact Size	**0**



Insert Arrangement	**40-61**
Service Rating	**A**
Number of Contacts	**1 3 55**
Contact Size	**8 12 16**

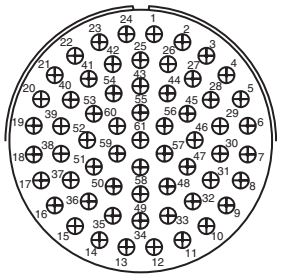


Insert Arrangement	**40-62**
Service Rating	**A**
Number of Contacts	**60**
Contact Size	**16**

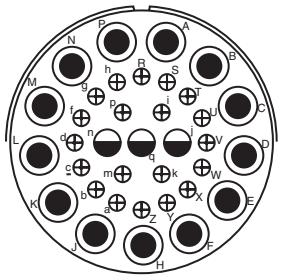
CONTACT LEGEND **16 12 8 4 0**

GT Series
contact arrangements

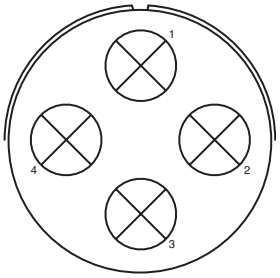
front face of pin insert or rear face of socket insert illustrated



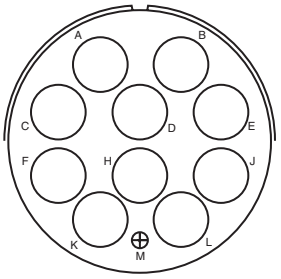
Insert Arrangement	**40-63**
Service Rating	**A**
Number of Contacts	**61**
Contact Size	**16 for #14 wire**



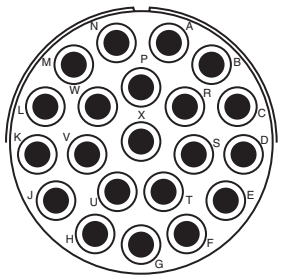
Insert Arrangement	**40-64**		
Service Rating	**–**		
Number of Contacts	**3**	**20**	**13**
Contact Size	**12**	**16**	**8 (Coax) RG-124/U**



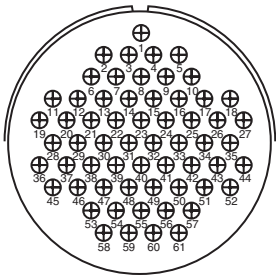
Insert Arrangement	**40-66**
Service Rating	**–**
Number of Contacts	**4**
Contact Size	**0 (Coax) RG-63 B/U**



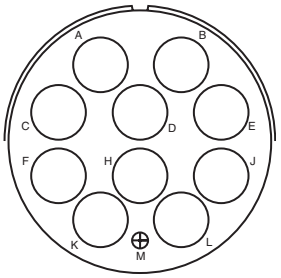
Insert Arrangement	**40-67**	
Service Rating	**A**	
Number of Contacts	**1**	**10**
Contact Size	**16**	**4 (Coax) RG-59/U**



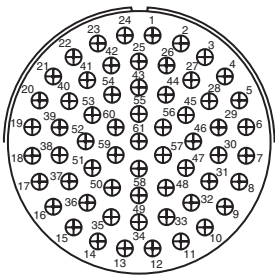
Insert Arrangement	**40-68**
Service Rating	**A**
Number of Contacts	**21**
Contact Size	**8**



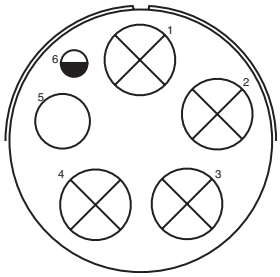
Insert Arrangement	**40-70**
Service Rating	**A**
Number of Contacts	**61**
Contact Size	**16**



Insert Arrangement	**40-72**	
Service Rating	**A**	
Number of Contacts	**1**	**10**
Contact Size	**16**	**4 (Coax) RG-9B/U**



Insert Arrangement	**40-73**
Service Rating	**A**
Number of Contacts	**61**
Contact Size	**16**

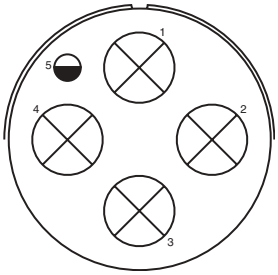


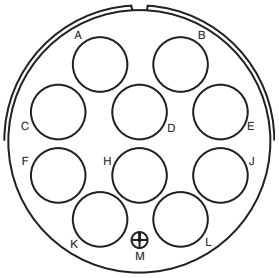
Insert Arrangement	**40-74**	
Service Rating	**A**	
Number of Contacts	**1**	**1** **4**
Contact Size	**12**	**4 (Coax) RG-62/U** **0 (Coax) RG-9B/U or RG-214/U**

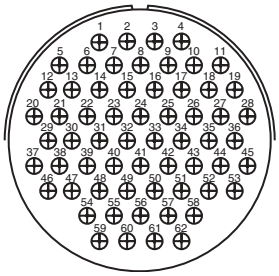
CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**

GT Series
contact arrangements

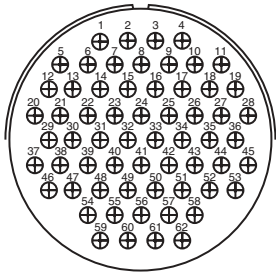
front face of pin insert or rear face of socket insert illustrated

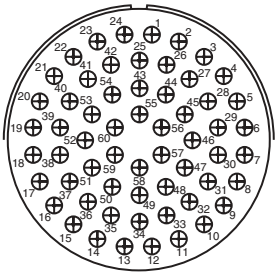


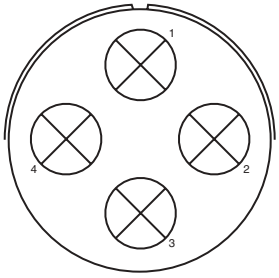




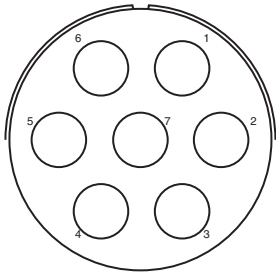
Insert Arrangement	**40-75**	**40-80**	**40-81**
Service Rating	**E**	**A**	**A**
Number of Contacts	**4 1**	**10 1**	**62**
Contact Size	**0 12**	**4 16**	**16 for #14 wire**

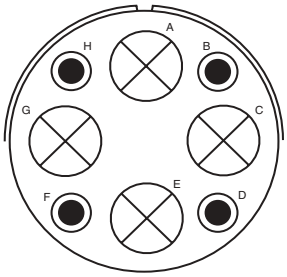


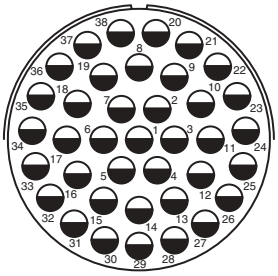




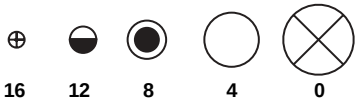
Insert Arrangement	**40-82**	**40-85**	**40-86**
Service Rating	**A**	**A**	**–**
Number of Contacts	**62**	**60**	**4**
Contact Size	**16**	**16 for #14 wire**	**0 (Coax) RG-115A/U**







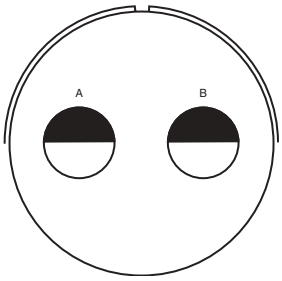
Insert Arrangement	**40-87**	**40-AD**	**40-AG**
Service Rating	**D**	**A**	**A**
Number of Contacts	**7**	**4 4**	**38**
Contact Size	**4**	**0 8**	**12**



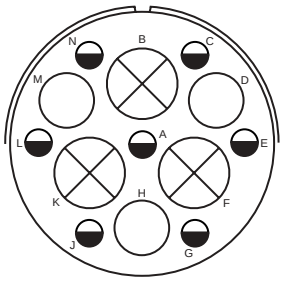
CONTACT LEGEND **16** **12** **8** **4** **0**

GT Series
contact arrangements

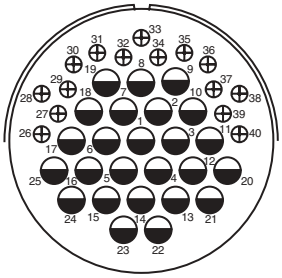
front face of pin insert or rear face of socket insert illustrated



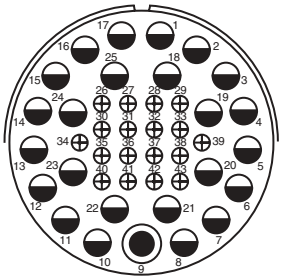
Insert Arrangement	**40-AP**
Service Rating	**E**
Number of Contacts	**2**
Contact Size	**4/0**



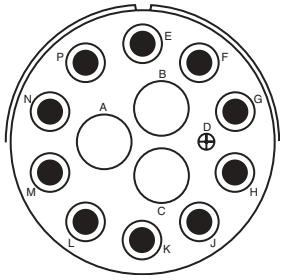
Insert Arrangement	**40-AR**		
Service Rating	**Inst.**		
Number of Contacts	**3**	**3**	**7**
Contact Size	**0**	**4**	**12**



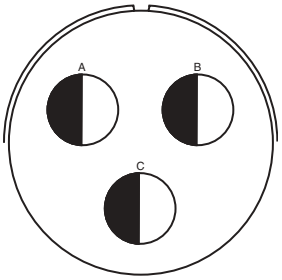
Insert Arrangement	**40-AS**		
Service Rating	**A**		
Number of Contacts	**25**	**15**	
Contact Size	**12**	**16**	



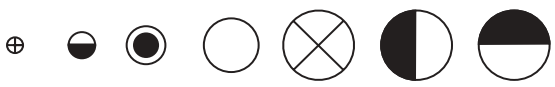
Insert Arrangement	**40-AT**		
Service Rating	**A**		
Number of Contacts	**1**	**24**	**18**
Contact Size	**8**	**12**	**16**



Insert Arrangement	**40-AU**		
Service Rating	**A**		
Number of Contacts	**3**	**10**	**1**
Contact Size	**4**	**8**	**16**



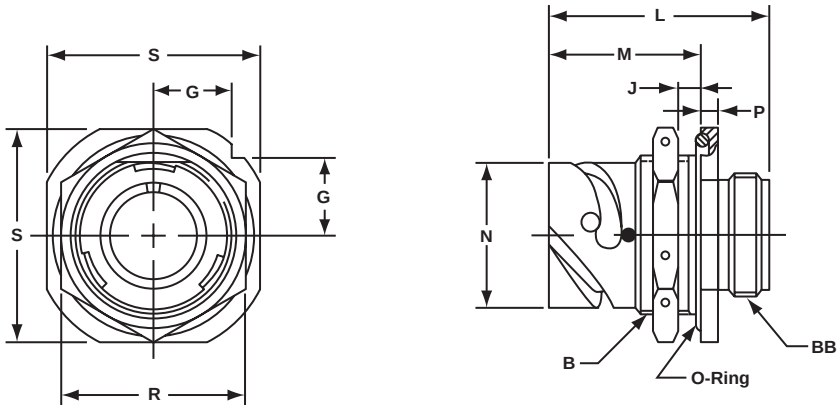
Insert Arrangement	**40-AV**
Service Rating	**D**
Number of Contacts	**3**
Contact Size	**2/0**



CONTACT LEGEND	**16**	**12**	**8**	**4**	**0**	**2/0**	**4/0**

GT070
jam nut receptacle

- **For rear panel single hole mounting**
- **Threaded rear for accessories**
- **Environment proof**



Inches

Shell Size	B Thread Class 2A	G ± .012	J Wall Thickness Min.	J Wall Thickness Max.	L ± .010	M ± .012	N + .000 − .006	P ± .007	R ± .016	S ± .012	BB Thread Class 2A
10SL	.8750-20 UNEF	.441	.094	.205	1.425	.965	.717	.157	1.062	1.252	.6250-24 UNEF
14S	1.1250-18 UNEF	.575	.094	.295	1.531	1.055	.969	.189	1.312	1.626	.7500-20 UNEF
16S	1.2500-18 UNEF	.618	.094	.295	1.531	1.055	1.079	.189	1.500	1.748	.8750-20 UNEF
16	1.2500-18 UNEF	.618	.094	.295	1.909	1.264	1.079	.189	1.500	1.748	.8750-20 UNEF
18	1.3750-18 UNEF	.661	.094	.354	1.941	1.327	1.213	.189	1.562	1.875	1.0000-20 UNEF
20	1.5000-18 UNEF	.709	.094	.358	1.941	1.327	1.346	.189	1.750	2.000	1.1250-18 UNEF
22	1.6250-18 UNEF	.795	.094	.358	1.941	1.327	1.472	.189	2.000	2.134	1.2500-18 UNEF
24	1.7500-18 UNEF	.795	.094	.358	1.953	1.327	1.610	.189	2.000	2.252	1.3750-18 UNEF
28	2.0000-18 UNS	.886	.094	.394	2.043	1.386	1.839	.220	2.188	2.500	1.6250-18 UNEF
32	2.2500-16 UN	.972	.094	.394	2.043	1.386	2.102	.220	2.438	2.748	1.8750-16 UN
36	2.5000-16 UN	1.059	.094	.327	2.043	1.386	2.346	.220	2.812	3.000	2.0625-16 UN
40	2.7500-16 UN	1.165	.094	.327	2.043	1.386	2.579	.220	2.953	3.248	2.3125-16 UN

Millimeters

Shell Size	G ± 0.3	J Wall Thickness Min.	J Wall Thickness Max.	L ± 0.3	M ± 0.3	N + 0.00 − 0.15	P ± 0.2	R ± 0.4	S ± 0.3
10SL	11.2	2.4	5.2	36.2	24.5	18.2	4.0	27	31.8
14S	14.6	2.4	7.5	38.9	26.8	24.6	4.8	33	41.3
16S	15.7	2.4	7.5	38.9	26.8	27.4	4.8	38	44.4
16	15.7	2.4	7.5	48.5	32.1	27.4	4.8	38	44.4
18	16.8	2.4	9.0	49.3	33.7	30.8	4.8	40	47.6
20	18.0	2.4	9.1	49.3	33.7	34.2	4.8	44	50.8
22	20.2	2.4	9.1	49.3	33.7	37.4	4.8	51	54.2
24	20.2	2.4	9.1	49.6	33.7	40.9	4.8	51	57.2
28	22.5	2.4	10.0	51.9	35.2	46.7	5.6	56	63.5
32	24.7	2.4	10.0	51.9	35.2	53.4	5.6	62	69.8
36	26.9	2.4	8.3	51.9	35.2	59.6	5.6	71	76.2
40	29.6	2.4	8.3	51.9	35.2	65.5	5.6	75	82.5

All dimensions for reference only.

Amphenol® GT Connectors
how to order, connector intermateability

Part Number System

GT	C	00	A	FF	36-5	P	W	(014)
	1	2	3	4	5	6	7	8

1. Contact Style and Insert Material
- C = Crimp
- CN = Crimp with stainless steel
- S = Solder
- SN = Solder with stainless steel
- CY = Crimp with Viton
- SY = Solder with Viton
- CL = Crimp with low smoke/flame retardant inserts
- SL = Solder with low smoke/flame retardant inserts

No designation required for Neoprene components

2. Shell Style
- 00 - Wall mount receptacle
- 01 - Inline receptacle
- 02 - Box mount receptacle
- 020 - Box mount receptacle with accessory threads
- 030 - Square flange receptacle - rear panel mount
- 05 - Dummy receptacle
- 06 - Straight plug
- 062 - Straight plug with deep serrated coupling nut*
- 064 - Panel mounted plug with heavy duty coupling nut
- 065 - Straight plug with long heavy duty coupling nut
- 07 - Jam nut receptacle - rear panel mount
- 070 - Jam nut receptacle with accessory threads
- 08 - 90° angle plug
- TB - Thru-bulkhead

3. Connector Class - For details, see pages 29-78
- A - Adapter for accessory attachment, non-environmental
- AF - Adapter, clamp for individual wires, non-environmental
- CF - Adapter, jacketed cable clamp, environmental
- CFGG - Adapter, jacketed cable clamp, over molded coupling nut, environmental
- CFZ - Adapter, jacketed cable clamp, individual wire sealing grommet, environmental
- F - Adapter, clamp for individual wires, individual wire sealing grommet, environmental.
- G - Adapter for heat shrink tubing, individual wire sealing grommet, environmental
- G2 - Free turning adapter for heat shrink tubing, individual wire sealing grommet, environmental
- GTTB - Thru bulkhead receptacle, accepts mating plug on both sides
- LC - Long adapter, backshell with jacketed cable basket weave grip, with individual wire sealing grommet, environmental
- LCF - Long adapter, jacketed cable clamp, environmental
- LCFZ - Long adapter, jacketed cable clamp, individual wire sealing grommet, environmental
- LT - Adapter, backshell for terminating metallic core conduit
- PFC - Adapter, backshell for plastic corrugated conduit, individual wire sealing grommet, environmental
- PG - Long adapter with PG threads, individual wire sealing grommet, environmental
- PP - Panel mounted plug
- R - Adapter for accessory attachment, individual wire sealing grommet, environmental
- R - (02/03) No thread, no accessories, environmental with panel sealing gasket
- R - (020) No accessories, environmental with panel sealing gasket
- RFS - (02) No accessories, countersunk mounting holes for use with over molded coupling nut, environmental with panel sealing gasket
- RFSM - (020) No accessories, countersunk mounting holes for use with over molded coupling nut, environmental with panel sealing gasket
- RV - Adapter, individual wire sealing grommet, environmental
- SB - Adapter for termination of EMI/RFI shielded braid with heat shrink tubing or boot, individual wire sealing grommet, environmental
- SBT - Adapter for termination of EMI/RFI shielded braid with heat shrink tubing or boot, individual wire sealing grommet, environmental
- SL - Long adapter, jacketed cable liquid tight strain relief, environmental

4. Designation for Mounting Hole - Receptacle Only
- FF - UN Threads
- FM - Metric Threads

No designation for standard through hole mounting holes.

5. Shell Size and Arrangement
See pages 2–4

6. Contact Style
P designates pin contacts
S designates socket contacts

7. Alternate Position
W, X, Y and Z - See page 5.
No suffix required for normal position.

8. Connector Modification*
Omit for standard olive drab with silver plated contacts
i.e.:
- (014) Olive drab cadmium plate, nickel base
- (B30) gold/nickel plated contacts
- (025) Black zinc cobalt
- (027) Conductive black zinc cobalt
- (024) Green zinc cobalt
- (LC) Less contacts

* Consult Amphenol, Sidney, NY

MATEABILITY WITH IDENTICAL CONTACT ARRANGEMENTS

Connector Style	Mateable with Style
GT00	GT06 / 062 / 064 / 065 / 08
GT01	GT06 / 062 / 064 / 065 / 08
GT02	GT06 / 062 / 064 / 065 / 08
GT020	GT06 / 062 / 064 / 065 / 08
GT030	GT06 / 062 / 064 / 065 / 08
GT06 / 062 / 064 / 065	GT00 / 01 / 02 / 020 / 03 / 030 / 05 / 070 / TB
GT07 / 070	GT06 / 062 / 064 / 065 / 08
GT08	GT00 / 01 / 02 / 020 / 03 / 030 / 05 / 070 / TB
GTTB	GT06 / 062 / 064 / 065 / 08