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REV

SHEET 1 OF 19

XXXX-XXX/6Z06CW

REVISIONS

LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	-----
B	(CL 11) ADD -N- RELEASE M39029/31-627 & DATA ECN:B1512	1/9/12
C	(CL11) SEE CHG NOTICE ECN: B2995-0000	11/16/12

DOCUMENT NO.

M39029/XXX-XXXX

SHEET 1 OF 19

C

REV

AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS	PIN OR SOCKET	POWER CONTACTS	SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)				
				1 st	2 nd	3 rd							
1-100	SAE AS 39029/1	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81714 TERMINAL JUNCTION SYSTEM).	100	BROWN		BLACK	P	16	22	--	M39029/1-16-22	SAE AS 81714 (SERIES 1)	
1-101			101					20	--	--	M39029/1-16-20		
1-102			102					14	16	--	M39029/1-14-16		
1-103			103					12	12	--	M39029/1-12-12		
1-507	SAE AS 39029/2	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 1 CONNECTORS).	507	GREEN		VIOLET	P	20	22D	--	M39029/1-20-22D	SAE AS 81714 (SERIES 1)	
2-104			104					22	22	--	M39029/2-22-22		
2-105			105					20	20	--	M39029/2-20-20		
2-106			106					16	16	--	M39029/2-16-16		
3-107	SAE AS 39029/3	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 1 CONNECTORS).	107			VIOLET	S	22	22	--	M39029/3-22-22	SAE AS 81659 (SERIES 1)	
3-108			108					20	20	--	M39029/3-20-20		
3-109			109					16	16	--	M39029/3-16-16		
4-110	SAE AS 39029/4	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723, SERIES 1 AND 111 AND MIL-DTL-83733 CONNECTORS).	110	BROWN		BLACK	P	20	20	--	M39029/4-20-20 M39029/4-001 M83723/33B20	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3) MIL-DTL-83723 (SERIES 3) MIL-DTL-83733	
4-111			111					16	16	--	M39029/4-16-16 M39029/4-002 M83723/33BIG		
4-112			112			RED			20	--	M39029/4-16-20 M39029/4-003		
4-113			113			ORANGE		12	12	--	M39029/4-12-12 M39029/4-004 M83723/33B12		
4-114			114						16	--	M39029/4-12-16 M39029/4-005		

SEE NOTE 4

3. WHEN THE M39029/XXX-XXXX P/N IS DESIGNATED IN THE ENGINEERING AUTHORIZED CONNECTOR BILL OF MATERIAL ANY CONTACT PART NUMBER IN THE M39029/XXX-XXXX BILL OF MATERIAL MAY BE USED.

2. SEE BILL OF MATERIAL FOR ENGINEERING APPROVED CONTACTS.

1. CONTACTS SUPPLIED ARE QUALIFIED TO THE REQUIREMENTS OF MIL-C-39029. SEE SPECIFICATION AND SLASH SHEETS FOR PICTORIAL AND DIMENSIONAL DATA.

NOTES:

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PRO/ENGINEER INFORMATION

Model Used:

Model Name: DRAFT

Drawing Name:

M39029-XXX-XXXX

UNLESS OTHERWISE SPECIFIED

SPECIFICATIONS

MATERIAL SPEC.

PROCESS SPEC.

N/A

POS

QTY

PART NUMBER

DESCRIPTION

NOTE

APPROVALS

DATE

PREPARED BY

G.LARSON

ENGINEER IN CHARGE

L.RATCHFORD

DESIGN MANAGER

E.SHEPLER

DESIGN ACTIVITY GROUP

MIL-AERO

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION

40-60 DELAWARE AVENUE

SIDNEY, N.Y. 13838

CONTACTS,

ELECTRICAL CONNECTORS,

SAE AS 39029, QUALIFIED

SIZE

C

CAGE CODE

77820

DOCUMENT NO.

M39029/XXX-XXXX

REV.

C

SCALE: NONE

REF.

N/A

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DOCUMENT NO.

M39029/XXX-XXXX

SHEET 1 OF 19

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M39029/XXX-XXXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
				1 st	2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
	5-115	SAE AS 39029/5	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, & MIL-DTL-12883/40 AND /41 RELAY SOCKETS MIL-DTL-83723, SERIES I & III, & MIL-DTL-83733 SERIES CONNECTORS)	115	BROWN	BROWN	S	20	20	--	M39029/5-20-20 M39029/5-001 M83723/34B20	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3) MIL-DTL-83723 (SERIES 3) MIL-DTL-83733	
	5-116								16	16	--		M39029/5-16-16 M39029/5-002 M83723/34B16
	5-117								20	--	M39029/5-16-20 M39029/5-003		
	5-118								12	--	M39029/5-12-12 M39029/5-004 M83723/33B12		
	5-119								16	--	M39029/5-005		
	6-120			SAE AS 39029/6		CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED, (FOR MIL-C-81511 SERIES 1 AND 2 CONNECTORS)		120	RED	RED	P		--
	6-121				--		--	M39029/6-02					
	6-122				--		--	M39029/6-03					
	6-123				--		--	M39029/6-04					
	6-124				--		--	M39029/6-05					
	6-125				--		--	M39029/6-06					
7-126	SAE AS 39029/7	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL-26482 SERIES 2 AND SAE AS 81703 SERIES 3 CONNECTORS)	126		BLUE	--	--	M39029/7-001	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3)				
7-127				VIOLET	--	--	M39029/7-002						
7-128				GRAY	--	--	M39029/7-003						

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. C
LE: DRAWING SCALE		REF: N/A	SHEET 2 OF 19

M39029/XXX-XXXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
SHEET 3 OF 19	8-129	SAE AS 39029/8	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL-26482 SERIES 2 AND SAE AS 81703 SERIES 3 CONNECTORS)	129		RED	WHITE	S	--	--	12	M39029/8-001	MIL-DTL-26482 (SERIES 2) SAE AS 81703 (SERIES 3)
	8-130		ORANGE	BLACK		--	--		12	M39029/8-002			
	8-131			BROWN		--	--		12	M39029/8-003			
	9-132	SAE AS 39029/9	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, THERMOCOUPLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723 SERIES 3 AND MIL-DTL-83733 CONNECTORS)	132	BROWN	ORANGE	RED	P	20	20	--	M39029/9-20-20-C1	
	9-133			ORANGE			ORANGE				--	M39029/9-20-20-C2	
	9-134			ORANGE	YELLOW	--	M39029/9-20-20-C3						
	9-135				GREEN	--	M39029/9-20-20-C4						
	9-136				BLUE	--	M39029/9-20-20-C5						
	9-514			GREEN	BROWN	514	YELLOW	16	16	--	5000-070-516		
	9-515					GREEN	--			5000-070-416			
	9-516					BLUE	--			5000-070-116			
	9-517					VIOLET	--			5000-070-216			
	9-518					GRAY	--			5000-070-316			
	10-138	SAE AS 39029/10	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, THERMOCOUPLE, (FOR MIL-DTL-26482 SERIES 2, SAE AS 81703 SERIES 3, MIL-DTL-83723 SERIES 3 ,AND MIL-DTL-83733 CONNECTORS)	138	BROWN	ORANGE	GRAY	S	20	20	--	M39029/10-20-20-C1	MIL-DTL-26482 (SERIES 2)
	10-139			WHITE			--				M39029/10-20-20-C2	SAE AS 81703 (SERIES 3)	
	10-140			YELLOW	BLACK	--	M39029/10-20-20-C3				MIL-DTL-83723 (SERIES 2)		
	10-141				BROWN	--	M39029/10-20-20-C4				MIL-DTL-83733		
	10-142				RED	--	M39029/10-20-20-C5						
	10-519			GREEN	BROWN	519	WHITE	S	16	16	--	5000-108-516	
	10-520					BLACK	--				5000-108-416		
10-521	RED				BROWN	--	5000-108-116						
10-522					RED	--	5000-108-216						
10-523					ORANGE	--	5000-108-316						
11-144	SAE AS 39029/11	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 2 CONNECTORS)	144	BROWN	YELLOW	P	22	22	--	M39029/11-22-22	SAE AS 81659 (SERIES 2)		
11-145			20				20	--	M39029/11-20-20				
11-146			16				16	--	M39029/11-16-16				
11-147			12				12	--	M39029/11-12-12				

-SEE NOTE 4

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SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	M39029/XXX-XXXX	C

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SHEET 3 OF 19

FORMAT	DOCUMENT NO.		REV.
	M39029/XXX-XXXX	SHEET 3 OF 19	C

4				3				2				M39029/XXX-XXXX DOCUMENT NO. SHEET 4 OF 19 REV. C				
M39029/XXX-XXXX DOCUMENT NO. SHEET 4 OF 19 REV. C	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)			
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE						
	12-148	SAE AS 39029/12	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR SAE AS 81659 SERIES 2 CONNECTORS)	148	BROWN	YELLOW	GRAY	S	22	22	--	M39029/12-22-22	SAE AS 81659 (SERIES 2)			
	149			WHITE			20		20	--	M39029/12-20-20					
	150			BLACK		16	16		--	M39029/12-16-16						
	151			BROWN		12	12		--	M39029/12-12-12						
	13-152	SAE AS 39029/13	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED (FOR MIL-C-81511 SERIES 1 CONNECTORS)	152		GREEN	RED	S	--	--	16		MIL-C-81511 (SERIES 1)			
	153			ORANGE			--		--	12						
	154			YELLOW			--		--							
	155			GREEN			--		--							
	156			BLUE			--		--							
	157			VIOLET			--		--							
	14-158	SAE AS 39029/14	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP RRMOVABLE, SHIELDED, (FOR MIL-C-81511 SERIES 2 CONNECTORS)	158			BLUE		GRAY	S	--	--		16		MIL-C-81511 (SERIES 4)
	159			WHITE					--		--	12				
	160			BLACK					--		--					
	161			BROWN					--		--					
	162			RED					--		--					
	163			ORANGE					--		--					
	16-166	SAE AS 39029/16	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-C-81511 SERIES 4 CONNECTORS)	166		BLUE		23	28		--	M39029/16-23-28				
	167			VIOLET		23		22	--		M39029/16-23-22					
	168			GRAY		20	20	--	M39029/16-20-20							
	169			WHITE		16	16	--	M39029/16-16-16							
	16-170	SAE AS 39029/17	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-C-81511 SERIES 3 CONNECTORS)	170		VIOLET	BLACK	12	12		--	M39029/16-12-12	MIL-C-81511 (SERIES 3)			
	171			BROWN			23	28	--		M39029/17-23-28					
	172			RED			23	22	--	M39029/17-23-22						
	173			ORANGE			20	20	--	M39029/17-20-20						
	174			YELLOW			16	16	--	M39029/17-16-16						
17-175	GREEN			12			12	--	M39029/17-12-12							
SEE NOTE 4																
NOTES:																
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M39029/XXX-XXXX DOCUMENT NO. SHEET 4 OF 19 REV. C																

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M39029/XXX-XXXX	SHEET 5 OF 19	C
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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE				
	18-176	SAE AS 39029/18	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-C-81511 SERIES 3 AND 4 CONNECTORS)	176	BROWN	VIOLET	P	23	28	--	M39029/18-23-28	MIL-C-81511 (SERIES 3 & 4)	
	18-177			177				23	22	--	M39029/18-23-22		
	18-178			178				20	20	--	M39029/18-20-20		
	18-179			179				16	16	--	M39029/18-16-16		
	18-180			180		12		12	--	M39029/18-12-12			
	19-181	SAE AS 39029/19	CONTACTS, ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHEILDED, (FOR MIL-C-81511 SERIES 3 & 4 CONNECTORS)	181	BROWN	GRAY	S	--	--	16		MIL-C-81511 (SERIES 3)	
	19-182			182				RED	--	--	12		
	19-183			183				ORANGE	--	--			
	20-184	184	YELLOW	--				--	16		MIL-C-81511 (SERIES 4)		
	20-185	185	GREEN	--		--		12					
	20-186	186	BLUE	--	--								
	21-187	SAE AS 39029/21	CONTACTS, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHEILDED, (FOR MIL-C-81511 SERIES 4 CONNECTORS)	187	BROWN	WHITE	S	--	--	16		SAE AS 81714 (SERIES 2) & MIL-C-81511 (SERIES 3 & 4, CLASS L)	
	21-188			188				GRAY	--	--	12		
	21-189			189				WHITE	--	--			
	22-190	190	BLACK	22				28	--	M39029/22-22-28 M39029/15-22-28	MIL-C-81511 (SERIES 3 & 4, CLASS L)		
	22-191	191	BROWN	22		22		--	M39029/22-22-22 M39029/15-22-22				
	22-192	192	RED	20	20	--	M39029/22-20-20						
	22-193	193	ORANGE	16	16	--	M39029/22-16-16						
	22-605			605	BLUE	BLACK	GREEN	12	12	--	AFLC B207520-2-1	SAE AS 81714 (SERIES 2)	
	23-194	SAE AS 39029/23	CONTACTS, ELECTRICAL CONNECTORS, PIN, CRIMP REMOVABLE, SHEILDED, (FOR MIL-DTL-26482 SERIES 1 CONNECTORS)	194	BROWN	WHITE	P	--	--	8	M39029/23-01	MIL-DTL-26482 (SERIES 1)	
	23-195			195				GREEN	--		--		M39029/23-02
	23-196			196				BLUE	--		--		M39029/23-03
	23-197			197				VIOLET	--		--		M39029/23-04
	23-198			198				GRAY	--		--		M39029/23-05

-SEE NOTE 4

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. C
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SCALE: DRAWING SCALE

REF:
N/A

SHEET 5 OF 19

FORMAT	DOCUMENT NO.		REV.
	M39029/XXX-XXXX	SHEET 5 OF 19	C

4				3				2				C REV				SHEET 10 OF 19		XXXX-XXX/6Z06W M39029/XXX-XXXX DOCUMENT NO.	
M39029/XXX-XXXX DOCUMENT NO.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)						
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE									
C REV	45-298	SAE AS 39029/45	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,(FOR SAE AS 50151 SERIES SAE AS 34001 CONNECTORS)	298	RED	WHITE	GRAY		8	8	--	MS90454-8-8	SAE AS 50151 (SAE AS 34001 SERIES)						
	299			4					4	--	MS90454-4-4								
	300			0					0	--	MS90454-0-0								
C REV	46-302	SAE AS 39029/46	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,(FOR MIL-C-81511 SERIES 2 CONNECTORS)	302	ORANGE	BLACK	RED	S	23	28	--	MS90460A-23-28 MS90460B-23-28 M39029/46-301							
	304			22								MS90460A-23-22 MS90460B-23-22 M39029/46-303							
				306						20		20		--	MS90460A-20-20 MS90460B-20-20 M39029/46-305				
	46-308			308			GRAY		16	16	--	MS90460A-16-16 MS90460B-16-16 M39029/46-307							
												46-310		310	12	12	--	MS90460A-12-12 MS90460B-12-12 M39029/46-309	
	47-312			SAE AS 39029/47			CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,(FOR MIL-C-81511 SERIES 1 AND 2 CONNECTORS)		312	ORANGE	BROWN	RED		P	23	28	--	MS90461A-23-28 MS90461B-23-28 M39029/47-311	
314	22	--	MS90461A-23-22 MS90461B-23-22 M39029/47-313																
	316	20	20		--	MS90461A-20-20 MS90461B-20-20 M39029/47-315													
47-337	337	ORANGE	VIOLET		16	16		--	MS9046116-16 MS90461B16-16 M39029/47-336										
47-339									339		12	12	--		MS90461A12-12 MS90461B12-12 M39029/47-338				
B	48-317	SAE AS 39029/48	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE,(FOR MIL-DTL-22992 CLASS L CONNECTORS)	317	ORANGE	BROWN	VIOLET		6	6	--	MS90559-11	MIL-DTL-22992 (CLASS L)						
	318			GRAY			6N		--		MS90559-12								
	319			WHITE			6G		--		MS90559-14								
	320			RED		BLACK	4		4	--	MS90559-8								
	321					BROWN	4N			--	MS90559-9								
	322					RED	4G		--	MS90559-13									
	323					ORANGE	1/0	--	MS90559-5										
	324					YELLOW	1/0N	--	MS90559-6										
	325			GREEN		2/0	--	MS90559-3											
	326			BLUE		2/0N	--	MS90559-4											
	327			VIOLET		4/0	--	MS90559-1											
	328			GRAY		4/0N	4/0	--	MS90559-2										
	NOTES:																		
	SEE NOTE 4																		
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DOCUMENT NO. M39029/XXX-XXXX																			
SHEET 10 OF 19																			
REV. C																			
SCALE: DRAWING SCALE REF: N/A SHEET 10 OF 19																			
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M39029/XXX-XXXX	AMPHENOL P/N	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
	MILITARY P/N M39029/				1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE			
SHEET 11 OF 19	49-329	SAE AS 39029/49	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, (FOR MIL-DTL-22992 CLASS L CONNECTORS)	329	ORANGE	RED	S	6	6	--	MS90560-7	MIL-DTL-22992 (CLASS L)	
	49-330			ORANGE		BLACK		6G		--	MS90560-8		
	49-331					BROWN		4		--	MS90560-5		
	49-332					RED		4G	--	MS90560-9			
	49-333					ORANGE		1/0	1	--	MS90560-3		
	49-334			YELLOW		2/0		2/0	--	MS90560-2			
	49-335			GREEN		4/0		4/0	--	MS90560-1			
	50-340	SAE AS 39029/50	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED (FOR MIL-DTL-83733 CONNECTORS)	340	ORANGE	BLACK	P	--	--	12	M83733/13-12		
	51-341	SAE AS 39029/51	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL-83733 CONNECTORS)	341			BROWN	S	--		--		M83733/14-12
	54-342	SAE AS 39029/54	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL- 26500 AND MIL-DTL-26518 CONNECTORS)	342				RED	P		--		--
	54-343			ORANGE			--			--	8		MS27184-20P
	55-344	SAE AS 39029/55	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED, (FOR MIL-DTL- 26500 AND MIL-DTL-26518 CONNECTORS)	344		YELLOW	S	--	--	12	MS27185-22S	MIL-DTL-38999 (SERIES I, III, AND IV)	
	55-345			GREEN				--	--	8	MS27185-20S		
	56-348	SAE AS 39029/56	CONTACTS,ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE,(FOR MIL-DTL-38999 SERIES I, III & IV CONNECTORS)	348		GRAY		22	22D	--	MS27490-22D		
	56-349			WHITE					22M	--	MS27490-22M		
	56-350			22			--		MS7490-22				
	56-351			GREEN		BLACK	20	20	--	MS27490-20			
	56-352					BROWN	16	16	--	MS27490-16			
	56-353					RED	12	12	--	MS27490-12			
56-527						527	GREEN	RED	VIOLET	10	10	--	--

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NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. C
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SCALE: DRAWING SCALE	REF: N/A	SHEET 11 OF 19
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DOCUMENT NO. M39029/XXX-XXXX	SHEET 11 OF 19	REV. C
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4				3				2				C REV				SHEET 12 OF 19		XXXX-XXX/6Z06CW DOCUMENT NO.					
M39029/XXX-XXXX DOCUMENT NO.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)	D									
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE													
	57-354	SAE AS 39029/57	CONTACTS,ELECTRICAL CONNECTOR, SOCKET,CRIMP REMOVABLE, (FOR MIL-DTL-24308, MIL-DTL-38999 SERIES II,MIL-DTL-55302/68, /71, /72, /75 & MIL-DTL-83733 CONNECTORS)	354	GREEN	GREEN	S	22	22D	--	MS27491-22D	MIL-DTL-24308 MIL-DTL-55302/68, /71,/72,&/75 MIL-DTL-38999 (SERIES II) MIL-C-83733											
	355			22M					--	MS27491-22M													
	356			22					--	MS27491-22													
	357			20					20	--	MS27491-20												
	358			16					16	--	MS27491-16												
	359			12					12	--	MS27491-12												
	58-360	SAE AS 39029/58	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,(FOR MIL-DTL-24308, MIL-DTL-38999 SERIES I,II,III,& IV & MIL-DTL-55302/69 & MIL-DTL-83733 CONNECTORS)	360	ORANGE	BLUE	P	22	22D	--	MS27493-22D	MIL-DTL-24308 MIL-DTL-55302/69 MIL-DTL-38999 (SERIES I-IV) MIL-DTL-83733											
	361			22M					--	MS27493-22M													
	362			22					--	MS27493-22													
	363			20					20	--	MS27493-20	MIL-DTL-38999 (SERIES I & III)											
	364			16					16	--	MS27493-16												
	365			12					12	--	MS27493-12												
58-528			528	GREEN	RED	GRAY	10	10	--														
59-366	SAE AS 39029/59	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED,SIZE 8 (FOR MIL-DTL-38999 SERIES I,III, & IV CONNECTORS)	366	ORANGE	BLUE	S	--	--	8	MS27535	MIL-DTL-24308												
60-367	SAE AS 39029/60	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,SHIELDED,(FOR MIL-DTL-24308, MIL-DTL-38999 SERIES I, III, & IV CONNECTORS)	367			P	--	--		MS27536													
63-368	SAE AS 39029/63	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED,(FOR MIL-DTL-24308, CONNECTORS)	368			S	20	20	--	M24308/10-I													
64-369	SAE AS 39029/64	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE, (FOR MIL-DTL-24308, CONNECTORS)	369			P			--	M24308/11-I													
69-384	SAE AS 39029/69	CONNECTOR CONTACTS,ELECTRICAL, SOCKET,CRIMP REMOVABLE,FOR SAE AS 85028 CONNECTORS	384		GRAY	YELLOW	S	16	24	--	M39029/69-1	SAE AS 85028(AS)											
69-385			GREEN			20			--	M39029/69-2													
69-386			BLUE	16		--			M39029/69-3														
A	SEE NOTE 4													C REV									
	NOTES:																						
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DOCUMENT NO. M39029/XXX-XXXX				SHEET 12 OF 19				REV. C				3				2				1			
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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)	
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE				
		70-387	SAE AS 39029/70	CONNECTOR CONTACT, ELECTRICAL PIN, CRIMP REMOVABLE, FOR SAE AS 85028 CONNECTORS.	387		GRAY		16	24	--	M39039/70-1	SAE AS 85028(AS)	
		70-388			20					--	M39039/70-2			
		70-389			16					--	M39039/70-3			
	SHEET 13 OF 19	71-390	SAE AS 39029/71	CONTACTS,ELECTRICAL CONNECTOR,PIN,REMOVABLE, SOLDERLESS WRAP-POST TERMINATION (FOR MIL-DTL-38999 SERIES I, II, III, & IV MIL-DTL-24308, MIL-DTL-83733, & MIL-DTL-55302/69 CONNECTORS)	390	ORANGE	WHITE	P			--	M39039/71-1	MIL-DTL-38999 (SERIES II) MIL-DTL-24308 MIL-DTL-83733	
					71-391						BROWN	--		M39039/71-2
					71-392						RED	--		M39039/71-3
	C	72-393	SAE AS 39029/72	CONTACTS,ELECTRICAL CONNECTOR,SOCKET, REMOVABLE,SOLDERLESS WRAP-POST TERMINATION (FOR MIL-DTL-38999 SERIES I, II, III & IV MIL-DTL-24308, MIL-DTL-83733, & MIL-DTL-55302/68,/71 & /75 CONNECTORS)	393		ORANGE		22	N/A	--	M39039/72-1	MIL-DTL-38999 (SERIES II) MIL-DTL-55302 /68, /71 &/75 MIL-DTL-24302 /2, /6	
					72-394						394	YELLOW		--
		72-395			395						GREEN	--		M39039/72-3
		72-524			524	GREEN	RED	YELLOW	--	--				
		72-525			525	GREEN	GREEN	--	--					
		72-526			526	BLUE	--	--						
		73-396			SAE AS 39029/73	CONTACTS,ELECTRICAL CONNECTORS,SOCKET,SOLDER, REMOVABLE,SHIELDED,SIZE 12 (FOR MIL-DTL-83723 SERIES III,MIL-DTL-26482 SERIES 2, MIL-DTL- 83733 & MIL-DTL-83527 CONNECTORS)	396	ORANGE	WHITE		--	--	12	M39029/73-12A
		73-397	397	VIOLET			--				--	M39029/73-12C		
	73-398	398	GRAY	--			--				M39029/73-12B			
	73-555	555	GREEN	GREEN			GREEN	--	--					
	74-399	SAE AS 39029/74	CONTACTS,ELECTRICAL CONNECTORS,PIN,SOLDER, REMOVABLE,SHIELDED, SIZE 12 (FOR MIL-DTL-83723 SERIES III,MIL-DTL-26482 SERIES 2, MIL-DTL- 83733 & MIL-DTL-83527 CONNECTORS)	399	ORANGE	WHITE	WHITE	P	--	--	M39029/74-12A			
	74-400			400	YELLOW	BLACK	BLACK		--	--	M39029/74-12C			
	74-401			401			BROWN		--	--	M39029/74-12B			

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SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	M39029/XXX-XXXX	C

4				3				2				C REV.				SHEET 15 OF 19		XXXX-XXX/6Z06WM39029/XXX-XXXX				
M39029/XXX-XXXX DOCUMENT NO.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)									
	1 st				2 nd	3 rd	MATING END SIZE		WIRE BARREL SIZE													
SHEET 15 OF 19 C REV.	80-438	SAE AS 39029/80	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,SHIELDED,(FOR MIL-DTL-28748/10 CONNECTORS)	438	YELLOW	ORANGE	GRAY	S	--	--	16	M39029/80-16A	MIL-DTL-28748/10									
	439			--					--	M39029/80-16B												
C REV.	83-450	SAE AS 39029/83	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,(FOR MIL-DTL-28840 CONNECTORS)	450	YELLOW	GREEN	BLACK	P	20	22	--	M39029/83-20-22	MIL-DTL-28840									
	451			28						--	M39029/83-20-28											
	508			20						--	M39029/83-20-22											
C REV.	84-452	SAE AS 39029/84	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,(FOR MIL-DTL-28840 CONNECTORS)	452	YELLOW	GREEN	RED	S	22	--	M39029/84-20-22											
	453			28					--	M39029/84-20-28												
	509			20					--	--												
	85-454	SAE AS 39029/85	CONTACTS,ELECTRICAL CONNECTOR,PIN,CRIMP REMOVABLE,THERMOCOUPLE (FOR SAE AS 50151, SAE AS 34501 SERIES & MIL-DTL-83723 SERIES II CONNECTORS)	454	YELLOW	GREEN	YELLOW	P	16	16	--	M39029/851616C1	SAE AS 50151 (SAE AS 34501 SERIES) & MIL-DTL-83723 (SERIES 2)									
	455			GREEN							--	M39029/851616C2										
	456			BLUE							--	M39029/851616C3										
	457			VIOLET							--	M39029/851616C4										
	458			GRAY			--		M39029/851212C1													
	459			WHITE			--		M39029/851212C2													
	460			BLUE			12		12	--	M39029/851212C3											
461	BLACK	--	M39029/851212C4																			
462	BROWN	--	M39029/861616C1																			
B REV.	86-463	SAE AS 39029/86	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE,THERMOCOUPLE (FOR SAE AS 50151, SAE AS 34501 SERIES & MIL-DTL-83723 SERIES II CONNECTORS)	463	YELLOW	BLUE	ORANGE	S	16	16	--	M39029/861616C2										
	464			YELLOW			--				M39029/861616C3											
	465			GREEN			--				M39029/861616C4											
	466			BLUE			--				M39029/861212C1											
	86-467			467			VIOLET		12	12	--	M39029/861212C2										
	86-468			468			GRAY		--	M39029/861212C3												
	86-469			469			WHITE		--	M39029/861212C4												
	86-510			510			GREEN		BROWN	--	--	--	--		--	--	--	--	--	--	--	
	86-511			511						BROWN	--	--	--		--	--	--	--	--	--	--	--
	86-512			512						RED	--	--	--		--	--	--	--	--	--	--	--
86-513	513	ORANGE	--	--	--	--		--		--	--	--	--	--	--							
A FORMAT: C-U-E-I	SEE NOTE 4																					
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DOCUMENT NO. M39029/XXX-XXXX				SHEET 15 OF 19				REV. C				SCALE: DRAWING SCALE				REF: N/A		SHEET 15 OF 19				
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M39029/XXX-XXX	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE			
SHEET 17 OF 19	90-529	SAE AS 39029/90	CONTACT, ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SIZE 8	529	GREEN	RED	WHITE	P	--	--	8		MIL-DTL-38999 (SERIES III)
	91-530	SAE AS 39029/91	CONTACT, ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET, SIZE 8	530			BLACK		--	--			
	92-531	SAE AS 39029/92	CONTACTS,ELECTRICAL CONNECTOR, SOCKET CRIMP REMOVABLE, (FOR MIL-B-6106 AND MIL-DTL-12883/40 AND /41 RELAY SOCKETS)	531		ORANGE	BROWN	S	22	22	--	MIL-PRF-6106 MIL-DTL-12883 /40 &/41	
	92-532			RED			20		20	--			
	92-533			ORANGE			16		16	--			
	92-534			YELLOW			16		20	--			
	92-535			GREEN			12		12	--			
	92-536			BLUE			12		16	--			
	93-539	SAE AS 39029/93	CONTACTS,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, (FOR MIL-DTL-83527 CONNECTOR)	539		ORANGE	WHITE	P	16	16	--	MIL-DTL-83527	
	93-540			YELLOW		BLACK	12		12	--			
93-597	WHITE			VIOLET	22	22	--						
93-598	WHITE			GRAY	20	20	--						
94-601	SAE AS 39029/94	CONTACTS,ELECTRICAL CONNECTOR,SOCKET,CRIMP REMOVABLE, (FOR MIL-DTL-83527 CONNECTOR).	601	BLUE	BLACK	S	22	22	--				
94-602			RED				20	20	--				
94-603			ORANGE				16	16	--				
94-604			YELLOW				12	12	--				
95-545	MIL-C-39029/95	CONTACT,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET SHIELDED, SIZE 8 (FOR MIL-DTL-83527 CONNECTOR).	545	GREEN	YELLOW		GREEN	P	--	--	8		
96-546	MIL-C-39029/96	CONTACT,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SIZE 8 (FOR MIL-DTL-83527 CONNECTOR).	546				BLUE		--	--			
97-547	SAE AS 39029/97	CONTACT,ELECTRICAL CONNECTOR, PIN, CRIMP REMOVABLE, COAXIAL, SIZE 1 (FOR MIL-DTL-83527 CONNECTOR).	547				VIOLET		--	--			1

-SEE NOTE 4

NOTES:

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SIZE C	CAGE CODE 77820	DOCUMENT NO. M39029/XXX-XXXX	REV. C
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SCALE: DRAWING SCALE

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4				3				2				C REV. SHEET 19 OF 19				XXXX-XXX/6Z063WM DOCUMENT NO. M39029/XXX-XXXX			
M39029/XXX-XXXX DOCUMENT NO. SHEET 19 OF 19 C REV.	AMPHENOL P/N MILITARY P/N M39029/	SPEC. SHEET REF	DESCRIPTION	BIN CODE	COLOR BANDS			PIN OR SOCKET	POWER CONTACTS		SHIELDED CONTACT CAVITY SIZE	SUPERSEDED MILITARY P/N	CONNECTOR USED WITH (SPECIFICATION)						
					1 st	2 nd	3 rd		MATING END SIZE	WIRE BARREL SIZE									
	113-625	SAE AS 39029/113	CONTACTS,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, PIN, SIZE 8 (FOR MIL-DTL-38999 SERIES I, III & IV)	625	BLUE	RED	GREEN	P	--	--	8	--	MIL-DTL-38999 SERIES I, III & IV						
	626			BLUE			--												
	114-628	SAE AS 39029/114	CONTACTS,ELECTRICAL CONNECTOR, CONCENTRIC TWINAX, SOCKET, SIZE 8 (FOR MIL-DTL-38999 SERIES I, III & IV)	628	BLUE	RED	VIOLET	S	--	--	8	--	MIL-DTL-38999 SERIES I, III & IV						
114-629	629			GRAY			--												
C																			
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DOCUMENT NO. M39029/XXX-XXXX				SHEET 19 OF 19				REV. C				DOCUMENT NO. M39029/XXX-XXXX							
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