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REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE NUM: 70090-109		
	B	(CLII) SEE ECN 27218	10-22-93 R. B. D. K.	Prescott
	C	(CLII) CHANGED FROM: 9-3104-5 TO: 9-9238 ECN: 95259	8/2/04 A. B. Morris	J. C. S.

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13	1	10-581819-XXI	SLEEVE	12
12	1	SEE COLUMN	GROMMET	12,10
11	1	10-590986-XX3	ADAPTER	12
10	1	10-748XX-()S	INSERT, SOCKET	4
10	1	10-748XX-()P	INSERT, PIN	4
9		SEE NOTE 8	CONTACT	2,3
8	1	SEE COLUMN	ELBOW ASSEMBLY	3
7	1	10-564869-XX	SLEEVE	
6	1	10-607XX-()	GROMMET	10,13
5	1	10-564859-XX	WASHER, WAVED	
4	1	10-564860-XX	WASHER, SKID	
3	1	10-564843-XXI	GASKET	
2	1	10-564856-XX3	NUT, COUPLING	
1	1	SEE COLUMN	SHELL	

SEE SHEET 3.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

COMPANY ID: 2
CODED/MS/CUST: Y
INTERNAL: N
LOTNO: N
DATE CODE: 9-3895
SEE PRINT: N

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN
INCHES.
TOLERANCES: .XXX±.010,
.XX ±.03, .X ±.1,
ANGLES ±2°.
OTHER STANDARDS PER 9-3800
AND DOD-D-1000.
NOTE REF. =

XX

N/A
N/A

NEXT ASSEMBLY

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

SEE NOTE 5

SIGNATURES

PREPARED
PRESCOTT
CHECKED
MATERIAL
APPROVED
APPROVED
1ST PART NO.

DATES
2/5/90
3/7/90
3/7/90
3/9/90
3-9-90

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.
CONNECTOR, ELECTRICAL PLUG, REVERSE
BAYONET COUPLING, TYPE GTC08R()-(),
SOLDERLESS

71-580420-26P

SIZE

FSCM NO.

SCALE

WT.

REF

SHEET

OF

REV.

C

77820

71-580410/429

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OF 3

COMPUTER GENERATED DRAWING.

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TAB.

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C

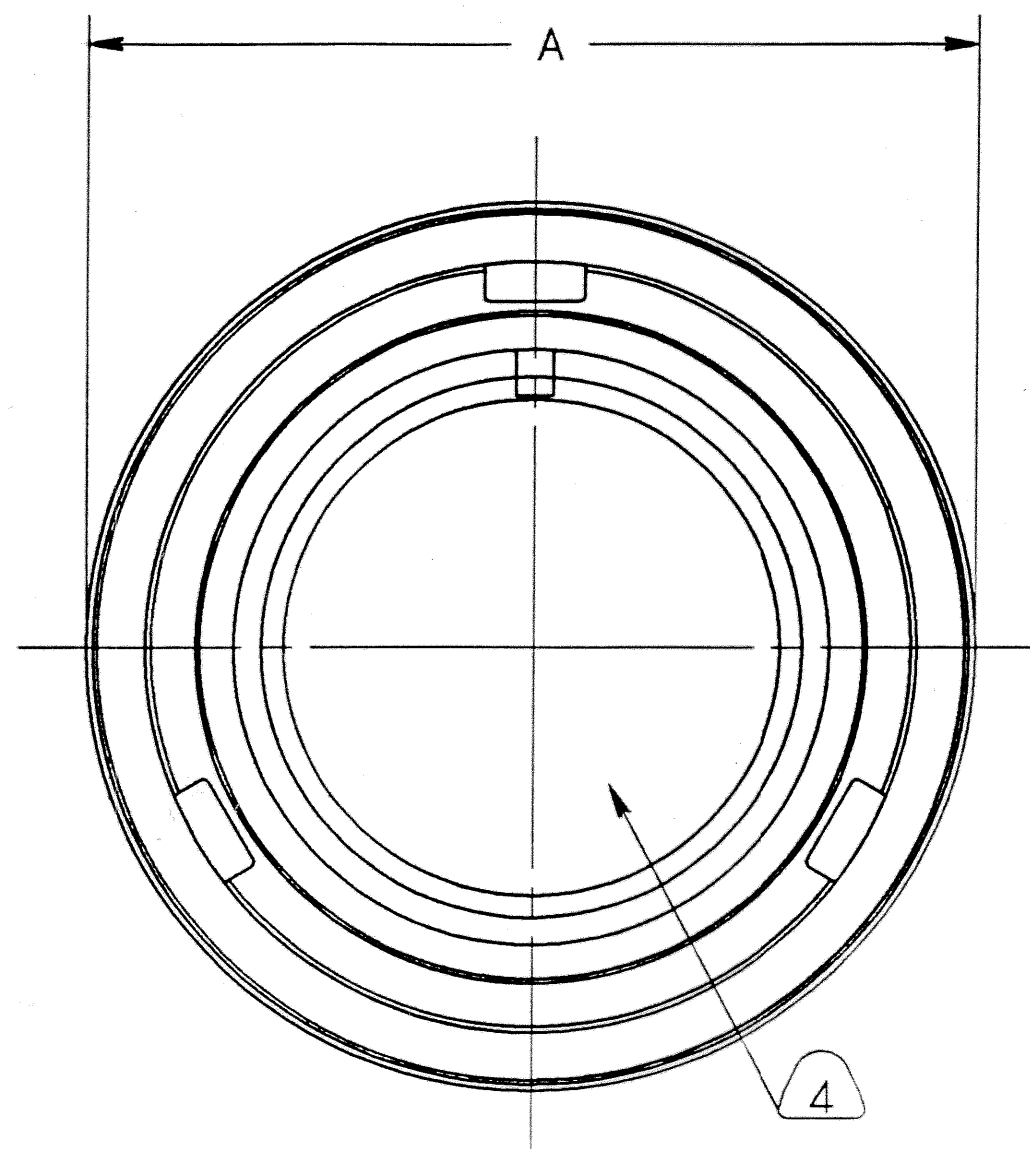
C

B

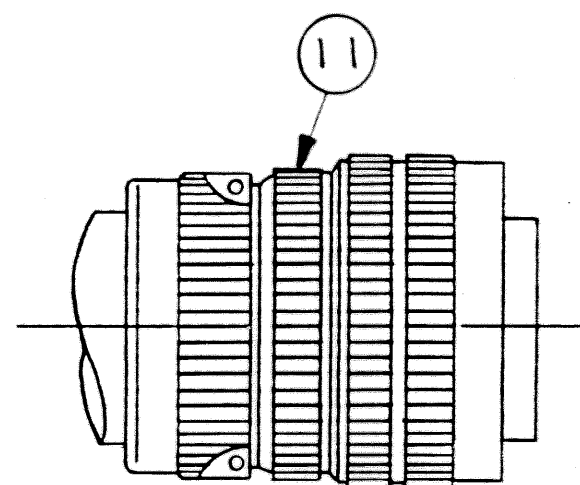
B

A

A



BLACK INK STAMP "BENDIX", GT NUMBER,
(SEE COLUMN), AND DATE CODE, (9-3895)
.062-.094 HIGH PER 9-3856-5.
EXAMPLE:
BENDIX GTC08R20-3S 9052



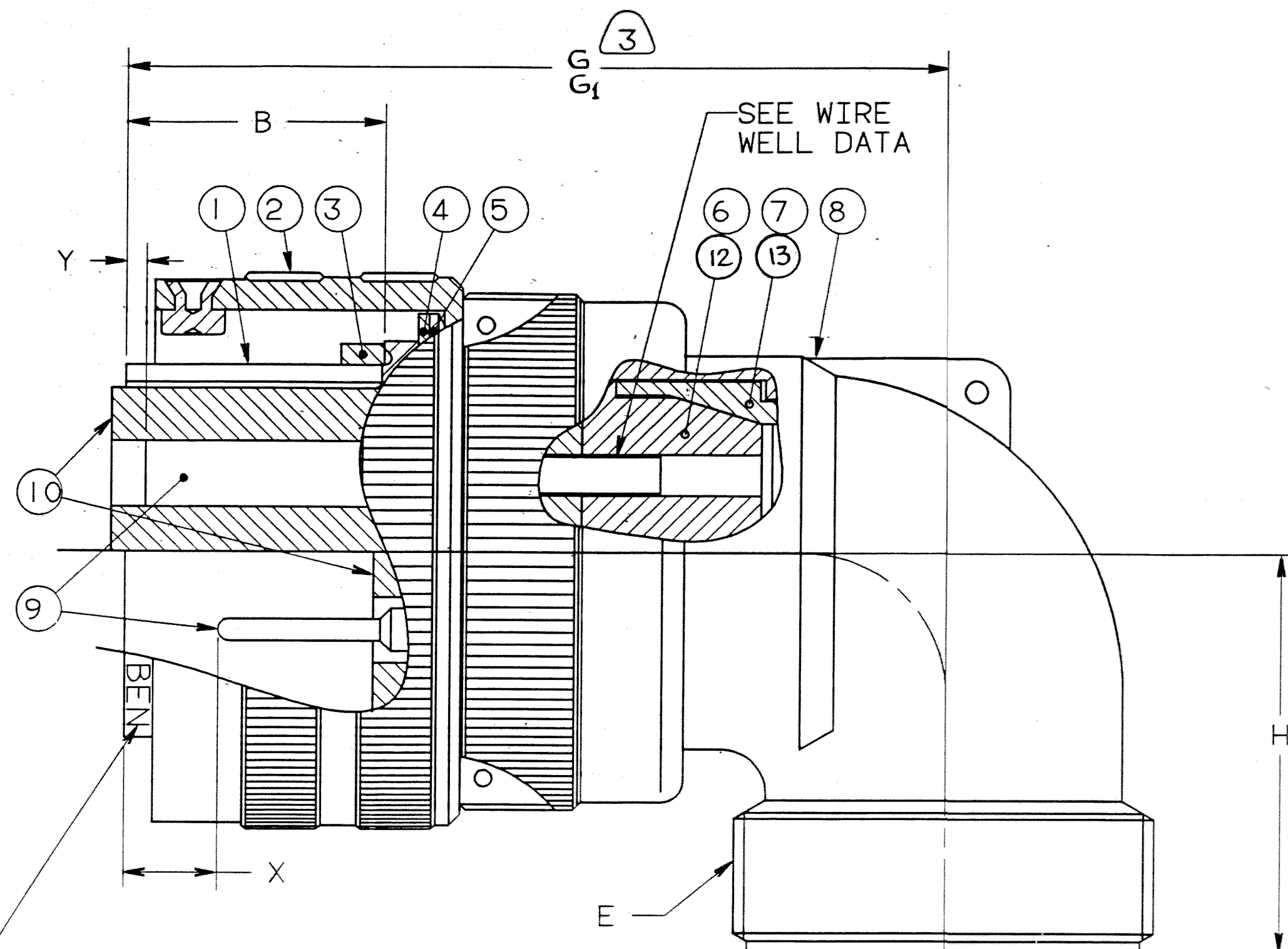
VIEW Z
APPLICABLE ONLY TO
PATTERNS WITH
SIZE 4 & 8 CONTACTS

SEE SHEET 3.

NOTES:

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COMPUTER GENERATED DRAWING



SIZE	FSCM NO.	REV.
C	77820	71-580410/429
SCALE	WT.	REF.

SHEET 2 OF 3

3/07/90 10:29 * 90066 10:19 * PRELSE * 71-580410/429 A002

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ASSEMBLY NUMBER	SHELL SIZE	GT NUMBER	SHELL	GROMMET	ELBOW ASSEMBLY	A DIA MAX	B ±.005	E THREAD CLASS 2A (PLATED)	G MAX	H MAX	G1 MAX 
71-580410-()	8S	NOT AVAILABLE									
71-580411-()	10S	NOT AVAILABLE									
71-580412-()	10SL	GTC08R10SL-()	10-580915-113	10-581825-()	10-580892-113	.897	.531	.6250-24UNEF	1.772	1.181	
71-580413-()	12S	NOT AVAILABLE									
71-580414-()	12	NOT AVAILABLE									
71-580415-()	14S	GTC08R14S-()	10-37266-14	10-581827-()	10-580892-143	1.150	.531	.7500-20UNEF	1.850	1.181	
71-580416-()	14	NOT AVAILABLE									
71-580417-()	16S	GTC08R16S-()	10-37266-16	10-581829-()	10-580892-163	1.300	.531	.8750-20UNEF	1.890	1.181	
71-580418-()	16	GTC08R16-()	10-37266-17	10-581830-()	10-580892-173	1.300	.719	.8750-20UNEF	2.244	1.181	3.056
71-580419-()	18	GTC08R18-()	10-37266-18	10-581831-()	10-580892-183	1.437		1.0000-20UNEF	2.283	1.377	3.095
71-580420-()	20	GTC08R20-()	10-37266-20	10-581832-()	10-580892-203	1.571		1.1875-18UNEF	2.401	1.377	3.213
71-580421-()	22	GTC08R22-()	10-37266-22	10-581833-()	10-580892-223	1.697		1.1875-18UNEF	2.401	1.377	3.415
71-580422-()	24	GTC08R24-()	10-37266-24	10-581834-()	10-580892-243	1.835		1.4375-18UNEF	2.598	1.575	3.232
71-580423-()	28	GTC08R28-()	10-37266-28	10-581835-()	10-580892-283	2.102		1.4375-18UNEF	2.598	1.575	3.692
71-580424-()	32	GTC08R32-()	10-37266-32	10-581836-()	10-580892-323	2.366		1.7500-18UNS	2.835	1.771	3.908
71-580425-()	36	GTC08R36-()	10-37266-36	10-581837-()	10-580892-363	2.610		2.0000-18UNS	2.952	1.968	4.171
71-580426-()	40	GTC08R40-*	10-37266-40	10-581838-()	10-580892-403	2.850		2.2500-16UN	3.071	2.165	4.280
71-580427/429-()		NOT AVAILABLE									

SEE NOTE 10

TO COMPLETE, ADD APPLICABLE INSERT
ARRANGEMENT SUFFIX PER 9-2437.

13. INDICATED ITEMS, (F/N'S 6 & 7), ARE APPLICABLE TO CONNECTORS CONTAINING CONTACT ARRANGEMENTS OTHER THAN THOSE SPECIFIED IN NOTE 12.

12. INDICATED ITEMS, (F/N'S 11, 12 & 13), ARE APPLICABLE TO CONNECTORS CONTAINING CONTACT SIZES 4 & 8.

11. INDICATED LENGTH APPLIES TO CONNECTORS WITH CONTACT PATTERNS CONTAINING SZ 4 OR 8 CONTACTS.

10. TO COMPLETE GROMMET PART NO., ADD APPLICABLE ARRANGEMENT SUFFIX.

9. PACKAGE PER PRODUCTION PROCESS SHEET.

8. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

7. FOR MATING CONNECTOR ASSEMBLIES, SEE 71-580960/979 AND OTHERS.

6. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.

5. PROCESS SPEC:
ASSY 9-9838
TEST 9-3106-18
9-3856-5, 9-3895, 9-2437

4. INSERTS ARE NOT REMOVABLE.

3. DRAWING ILLUSTRATES FINAL ASSEMBLY. FOR STORAGE AND SHIPPING, ELBOW ASSEMBLY MUST BE LOOSELY COUPLED. CONTACTS ARE SHIPPED UNASSEMBLED. FOR FINAL INSTALLATION, CONTACTS MUST BE ASSEMBLED INTO ALL INSERT HOLES. ALL UNUSED GROMMET HOLES MUST BE FILLED WITH THE APPROPRIATE SIZE SEALING PLUG.

2. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE MIL-STD-1651 OR L-11908-() THRU L-11948-().

1. UNIT MEETS THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

NOTES:

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CONTACT SIZE	SHELL SIZE	X	Y ±.040
16 SHORT	10SL, 14S, 16S	.087±.039	.079
16 LONG	16 THRU 40	.260 ^{+.052} _{-.041}	.102
12	16 THRU 40	.118 ^{+.039} _{-.056}	.102
4, 8, 0	16 THRU 40	.091±.039	.102

WIRE WELL DATA					
CONTACT SIZE	0	4	8	12	16
WELL DIA	.453±.005	.281 ^{+.005} _{-.004}	.179 ^{+.004} _{-.002}	.098 ^{+.004} _{-.001}	.063 ^{+.004} _{-.001}
WELL DEPTH	^{+.031} _{-.000}	.592	.500	.500	.250

SIZE C 77820 71-580410/429

SCALE NONE WT. REF N/A SHEET 3

REVISIONS

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TAB.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[GTC08R22-10P](#) [GTC08R24-9SW](#) [GTC08R22-22S-RDS](#) [GTC08R10SL-3P-025](#) [GTC08R22-15S](#) [GTC08R24-22S](#)
[GTC08R14S-A7P](#) [GTC08R14S-5S-LC-025](#) [GTC08R24-9S](#) [GTC08R-22-9S](#) [GTC08R24-5S-025-LC](#) [GTC08R22-22P-](#)
[025](#) [GTC08R32-8P-LC](#) [GTC08R32-25S-LC](#) [GTC08R20-24P-025](#) [GTC08R22-23P](#) [GTC08R24-27P](#) [GTC08R24-](#)
[11PY](#) [GTC08R24-9P-023](#) [GTC08R24-27PW](#) [GTC08R24-10P](#) [GTC08R24-9P](#) [GTC08R22-5P](#) [GTC08R-22-10PLC](#)
[GTC08R-24-27PWLC](#) [GTC08R-22-14P](#) [GTC08R-32-76S](#) [GTC08R-36-10PLC](#) [GTC08R-32-17S](#) [GTC08R36-](#)
[4P\(025\)\(LC\)](#) [GTC08R-36-5P](#) [GTC08R18-12P](#) [GTC08R2815S](#) [GTC08R14S-2P](#) [GTC08R28-21P\(B30\)](#)
[GTC08R24AJSLC](#) [GTC08R363S](#) [GTC08R2821SLC](#) [GTC08R2428P025](#) [GTC08R32-8S-LC](#) [GTC08R28-21P-025](#)
[GTC08R24-11P-027](#) [GTC08R24-11S-027](#) [GTC08R24-10P-C10](#) [GTC08R14S-9S-027](#) [GTC08R14S-9S-027-B30](#)
[GTC08R22-23S-027](#) [GTC08R22-22S-027](#) [GTC08R20-23P](#) [GTC08R22-23P-027](#) [GTC08R20-29P](#) [GTC08R20-33P](#)
[GTC08R28-15S-025-LC](#) [GTC08R32-8S](#) [GTC08R20-29S-025-LC](#) [GTC08R20-29S-025-B30](#) [GTC08R20-7P](#)
[GTC08R22-22S-025-RDS](#) [GTC08R20-14S](#) [GTC08R22-34S-025](#) [GTC08R28-15S-025-B30](#) [GTC08R28-6S-025](#)
[GTC08R20-29S-025](#) [GTC08R20-29S](#) [GTC08R22-23P-025](#) [GTC08R20-33P-LC](#) [GTC08R20-33S](#) [GTC08R20-3S](#)
[GTC08R28-21P-LC](#) [GTC08R28-21S-025-LC](#) [GTC08R28-10P-025](#) [GTC08R20-29P-B30-025](#) [GTC08R18-1PZ](#)
[GTC08R28-21PX-025](#) [GTC08R20-8P](#) [GTC08R40-35S-025](#) [GTC08R20-19P-C10](#) [GTC08R22-14S-025-LC](#)
[GTC08R40-35P-025](#) [GTC08R20-24S](#) [GTC08R20-27P](#) [GTC08R28-6P-025](#) [GTC08R20-29P-025](#) [GTC08R20-27S](#)
[GTC08R28-22P-027](#) [GTC08R28-15P-025-LC](#) [GTC08R36-78P](#) [GTC08R20-15P-025-LC](#) [GTC08R20-19P-025-C10](#)
[GTC08R10SL-3S](#) [GTC08R28-21S](#) [GTC08R20-15S-025-LC](#) [GTC08R20-18P-B30-025-2B10](#) [GTC08R20-24S-027](#)
[GTC08R10SL-3S-025](#) [GTC08R20-27P-B30-025](#) [GTC08R20-18P-025-LC](#) [GTC08R16S-1S-LC](#) [GTC08R16S-1S-A24](#)
[GTC08R24-11P-025](#)