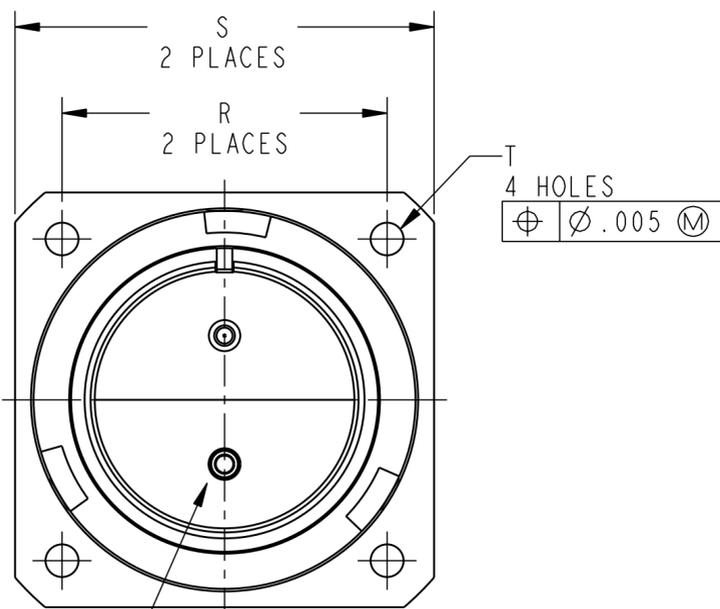
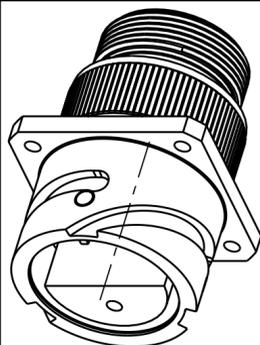
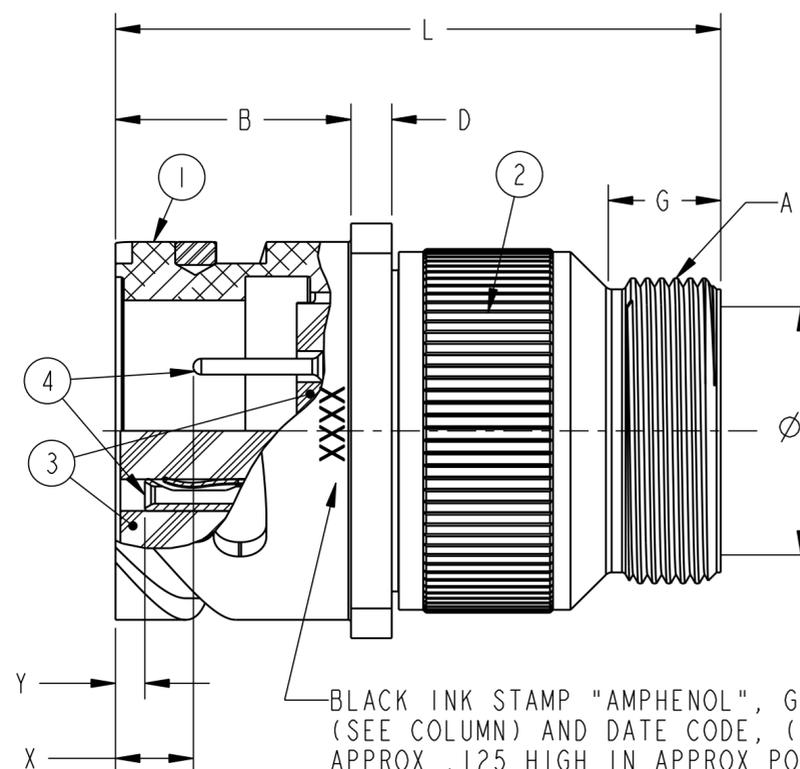


REV. A	SHEET 1 OF 2	669/089185-17
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	

INTERFACE REQUIREMENTS			
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
0, 4, 8	16 THRU 40	.091±.039	.102



SEE NOTE 4



BLACK INK STAMP "AMPHENOL", GT NUMBER, (SEE COLUMN) AND DATE CODE, (9-3895), APPROX .125 HIGH IN APPROX POSITION SHOWN.
EXAMPLE:
AMPHENOL GTC030A32-8S 0452

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
4		SEE NOTE 8	CONTACTS	
3	1	10-748XX-()	INSERT	4
2	1	10-564867-XX3	ADAPTER	3
1	1	SEE COLUMN	SHELL	

PARTS LIST			
AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858			
CONNECTOR, ELECTRICAL RECEPTACLE, TYPE GTC030A-(), OLIVE DRAB CADMIUM PLATED			
SIZE C	CAGE CODE 77820	DOCUMENT NO. 71-581680/699	REV. A
SCALE: 2.0		REF: 71-619020/039	SHEET 1 OF 2

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1	MATERIAL SPEC. N/A
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-DTL-31000; OTHER Amphenol Sds. PER 9-3800	PROCESS SPEC. SEE NOTE 5
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY	

SEE SHEET 2

NOTES:

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PRO/ENGINEER INFORMATION	
N/A	Pro/e Model Used:
N/A	GTS030A.ASSEM
NEXT ASSEMBLY	Drawing Name:
	71-581680.699

ASSEMBLY NUMBER	SIZE	GT NUMBER	SHELL	A THREAD CLASS 2A	B ±.008	D ±.008	F DIA MIN	G MIN	L MAX	R	S ±.012	T DIA +.004 -.000
71-581680-()	8S			NOT AVAILABLE								
71-581681-()	10S			NOT AVAILABLE								
71-581682-()	10SL	GTC030A10SL-()	10-580713-113	.6250-24 UNEF	.725	.110	.409	.374	1.969	.717	1.000	.126
71-581683-()	12S			NOT AVAILABLE								
71-581684-()	12			NOT AVAILABLE								
71-581685-()	14S	GTC030A-14S-()	10-580713-143	.7500-20 UNEF	.725	.126	.520	.374	1.969	.906	1.181	.126
71-581686-()	14			NOT AVAILABLE								
71-581687-()	16S	GTC030A16S-()	10-580713-163	.8750-20 UNEF	.725	.126	.638	.374	1.969	.969	1.280	.126
71-581688-()	16	GTC030A16-()	10-580713-173	.8750-20 UNEF	.854	.126	.638	.374	2.362	.969	1.280	.126
71-581689-()	18	GTC030A18-()	10-580713-183	1.0000-20 UNEF	.915	.157	.756	.374	2.362	1.063	1.378	.126
71-581690-()	20	GTC030A20-()	10-580713-203	1.1875-18 UNEF	.915	.157	.866	.374	2.362	1.157	1.496	.126
71-581691-()	22	GTC030A22-()	10-580713-223	1.1875-18 UNEF	.915	.157	.965	.374	2.362	1.252	1.614	.126
71-581692-()	24	GTC030A24-()	10-580713-243	1.4375-18 UNEF	.915	.157	1.094	.374	2.559	1.374	1.752	.146
71-581693-()	28	GTC030A28-()	10-580713-283	1.4375-18 UNEF	.955	.157	1.228	.374	2.559	1.563	2.000	.146
71-581694-()	32	GTC030A32-()	10-580713-323	1.7500-18 UNS	.955	.157	1.488	.433	2.559	1.752	2.244	.169
71-581695-()	36	GTC030A36-()	10-580713-363	2.0000-18 UNS	.955	.157	1.780	.465	3.150	1.937	2.500	.169
71-581696-()	40	GTC030A40-()	10-580713-403	2.2500-16UN	.955	.157	2.016	.465	3.150	2.185	2.752	.169
71-581697/99				NOT AVAILABLE								

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

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

5. PROCESS SPEC:
 ASSY 9-9238
 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, ADAPTER MUST BE LOOSELY COUPLED.

2. FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE MIL-STD-1651 OR L-11908/48-().

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

9. PACKAGE PER PRODUCTION PROCESS SHEET.

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

7. FOR MATING CONNECTOR ASSEMBLIES, SEE 71-580450/469 AND OTHERS.

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SHEET 2 OF 2

REV. A

C

B

A

FORMAT: C-U-L-R-B

REV. A

SHEET 2 OF 2

71-581680/699

A

D

C