

71-581680/699

SHEET 1 OF 2

REV. A

C

B

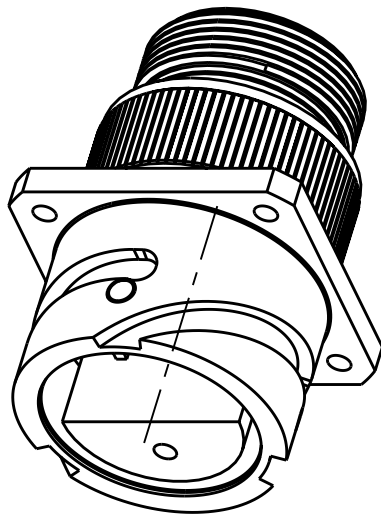
A

4

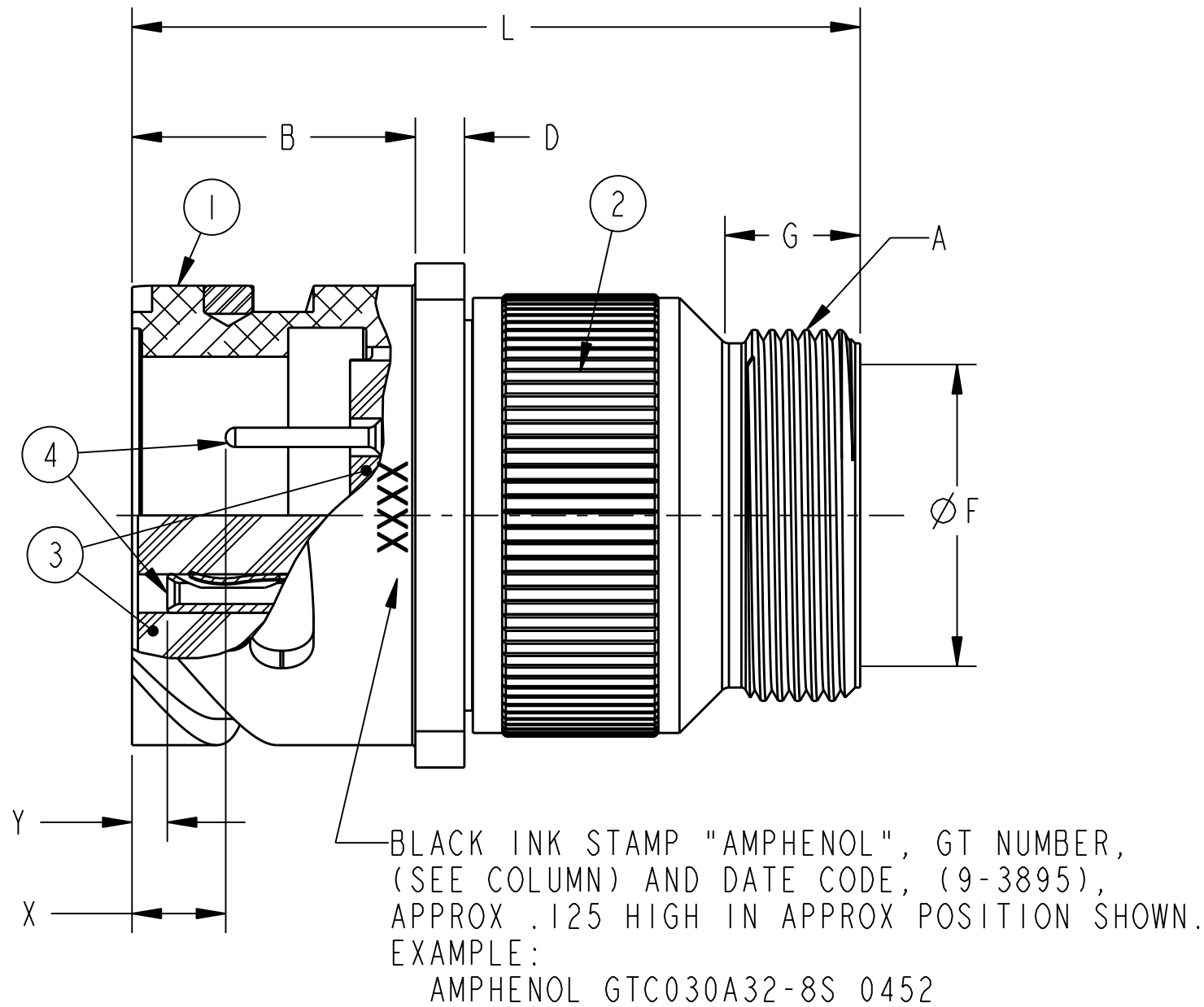
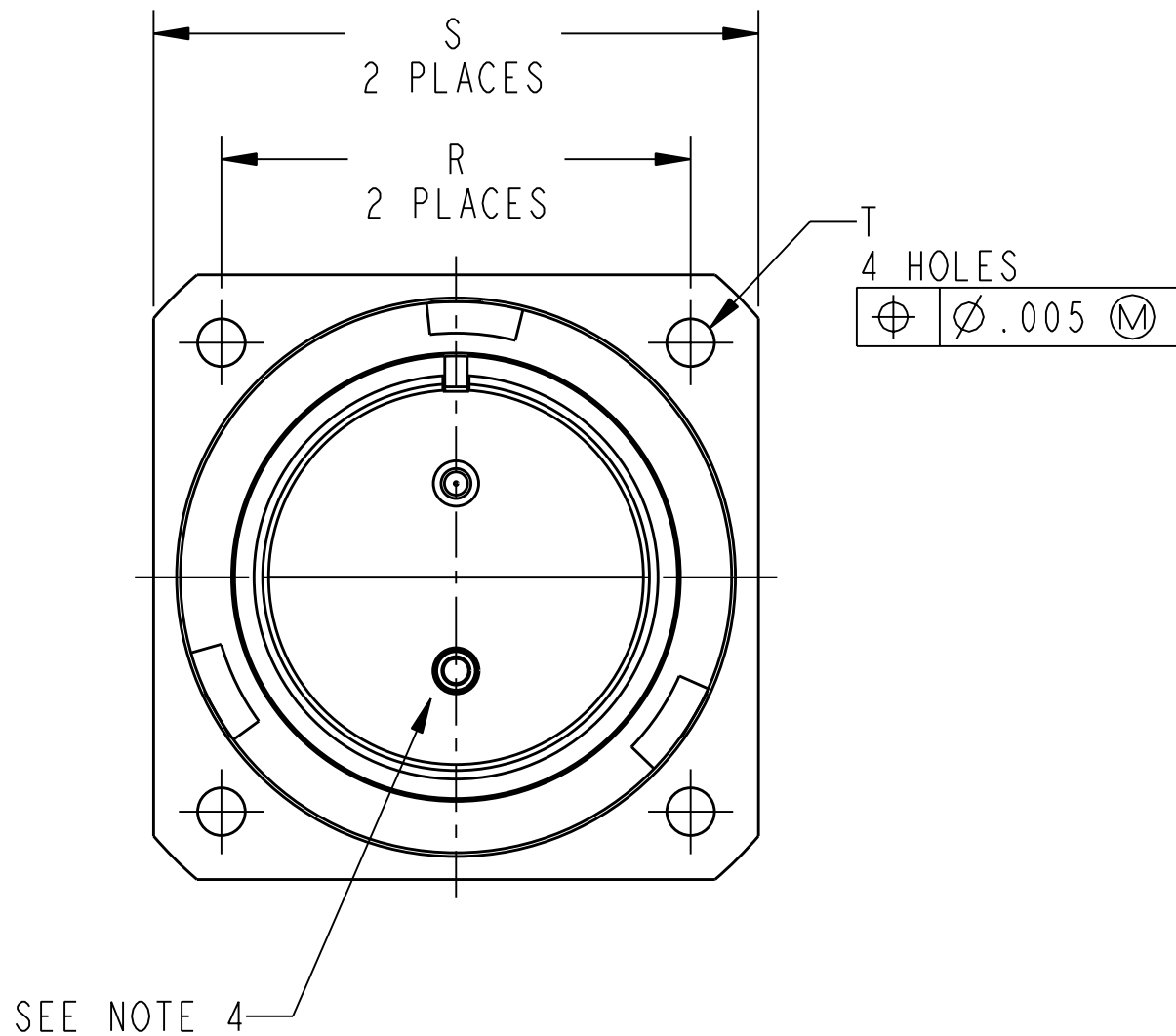
3

2

REV. A	SHEET 1 OF 2	DOCUMENT NO. 71-581680/699
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 SHEET 2

NOTES:

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N/A	PRO/ENGINEER INFORMATION
N/A	Pro/e Model Used: GTS030A.ASSEM
NEXT ASSEMBLY	Drawing Name: 71-581680_699

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	

4	SEE NOTE 8	CONTACTS	
3	I 10-748XX-()	INSERT	4
2	I 10-564867-XX3	ADAPTER	3
I	SEE COLUMN	SHELL	
POS	QTY	PART NUMBER	DESCRIPTION
PARTS LIST			
APPROVALS			
PREPARED BY A.Prescott		DATE	
ENGINEER IN CHARGE R.Barnes		30-Aug-04	
DESIGN MANAGER D.Gallusser			
DESIGN ACTIVITY GROUP C & I			
THIRD ANGLE PROJECTION			
AMPHENOL CORPORATION 40-80 DELAWARE AVENUE SIDNEY, N.Y. 13838			
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

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SHEET 1 OF 2

REV. A

3

2

1

4

D

C

REV. A

SHEET 1 OF 2

71-581680/699

A

U

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	N O T A V A I L A B L E										
71-581681-()	10S	N O T A V A I L A B L E										
71-581682-()	10SL	GTC030A10SL-()	10-580713-113	.6250-24 UNEF	.725	.110	.409	.374	1.969	.717	1.000	.126
71-581683-()	12S	N O T A V A I L A B L E										
71-581684-()	12	N O T A V A I L A B L E										
71-581685-()	14S	GTC030A-14S-()	10-580713-143	.7500-20 UNEF	.725	.126	.520	.374	1.969	.906	1.181	.126
71-581686-()	14	N O T A V A I L A B L E										
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		N O T A V A I L A B L E										

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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SCALE: 2.0		REF. 71-619020/039	SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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

Amphenol:

[GTC030A28-84S\(RDS\)\(023\)](#) [GTC030A32-15S\(RDS\)](#) [GTC030A22-22S\(023\)\(RDS\)](#) [GTC030A2815P](#) [GTC030A-32-17P](#) [GTC030A287S](#) [GTC030A2821P](#) [GTC030A20-3P](#) [GTC030A22-7S](#) [GTC030A18-6S](#) [GTC030A22-14P](#) [GTC030A20-3PW](#) [GTC030A16S-1S-LC](#) [GTC030A20-23S-RDS](#) [GTC030A24-19P-023](#) [GTC030A16-11P](#) [GTC030A18-10P](#) [GTC030A28-6S-LC-025](#) [GTC030A28-19S](#) [GTC030A32-15S-LC](#) [GTC030A20-15S-027-LC](#) [GTC030A14S-6S](#) [GTC030A20-23SW-RDS](#) [GTC030A20-3P-LC](#) [GTC030A16S-1P-025](#) [GTC030A22-14S-025](#) [GTC030A16S-1S-025](#) [GTC030A28-12S-025](#) [GTC030A18-4S](#) [GTC030A18-1P-025](#) [GTC030A28-2S](#) [GTC030A22-14P-LC](#) [GTC030A28-21SW-A24](#) [GTC030A28-21SY-A24](#) [GTC030A28-6P](#) [GTC030A22-22P](#) [GTC030A28-21SX-A24](#) [GTC030A24-2S-025-LC](#) [GTC030A20-11P](#) [GTC030A22-14P-025-LC](#) [GTC030A22-19S](#) [GTC030A22-22PX](#) [GTC030A16-10P-LC](#) [GTC030A28-12S-025-B30](#) [GTC030A28-16S-025](#) [GTC030A32-6S-LC](#) [GTC030A-24-10S](#) [GTC030A-24-7PLC](#) [GTC030A20-29S\(C3\)\(A99\)](#) [GTC030A-20-7S](#) [GTC030A18-10S\(C8\)\(A99\)](#) [GTC030A-28-21P\(B30\)](#) [GTC030A28-21P\(025\)\(C3\)\(B30\)A99](#) [GTC030A3610P025](#) [GTC030A2222S](#) [GTC030A405P](#) [GTC030A2884P023](#) [GTC030A1610S](#) [GTC030A28-21P-A24](#) [GTC030A20-15S](#) [GTC030A28-21P-B30-025](#) [GTC030A20-11P-027](#) [GTC030A16S-1P-025-B30](#) [GTC030A18-22S-025](#) [GTC030A28-21PX-A24](#) [GTC030A22-70S](#) [GTC030A20-29S-025](#) [GTC030A16S-1P-025-LC](#) [GTC030A36-78P-LC](#) [GTC030A28-21PY-A24](#) [GTC030A28-2S-C3](#) [GTC030A28-21PW-A24](#) [GTC030A28-21P-A24-025](#) [GTC030A20-8SX](#) [GTC030A20-8PZ](#) [GTC030A28-9P](#) [GTC030A20-8PX](#) [GTC030A20-8SW](#) [GTC030A20-8PW](#) [GTC030A20-8PY](#) [GTC030A18-10S](#) [GTC030A20-8S](#) [GTC030A20-8P](#) [GTC030A28-79S](#) [GTC030A36-7SX-A24](#) [GTC030A36-7SY-A24](#) [GTC030A40-57S-025](#) [GTC030A40-5S-025-A99](#) [GTC030A40-68PW-025](#) [GTC030A40-ADP](#) [GTC030A36-5S](#) [GTC030A36-5S-RDS](#) [GTC030A36-7PW-A24](#) [GTC030A36-7PX-A24](#) [GTC030A36-7PY-A24](#) [GTC030A36-7SW-A24](#) [GTC030A36-3P](#) [GTC030A36-3S](#) [GTC030A36-3S-LC](#) [GTC030A36-3S-RDS](#)