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

S
2 PLACES

R
2 PLACES

T
4 HOLES
⊕ ⌀ .005

SEE NOTE 4

L

B

D

H

F

J

K

Y

X

G
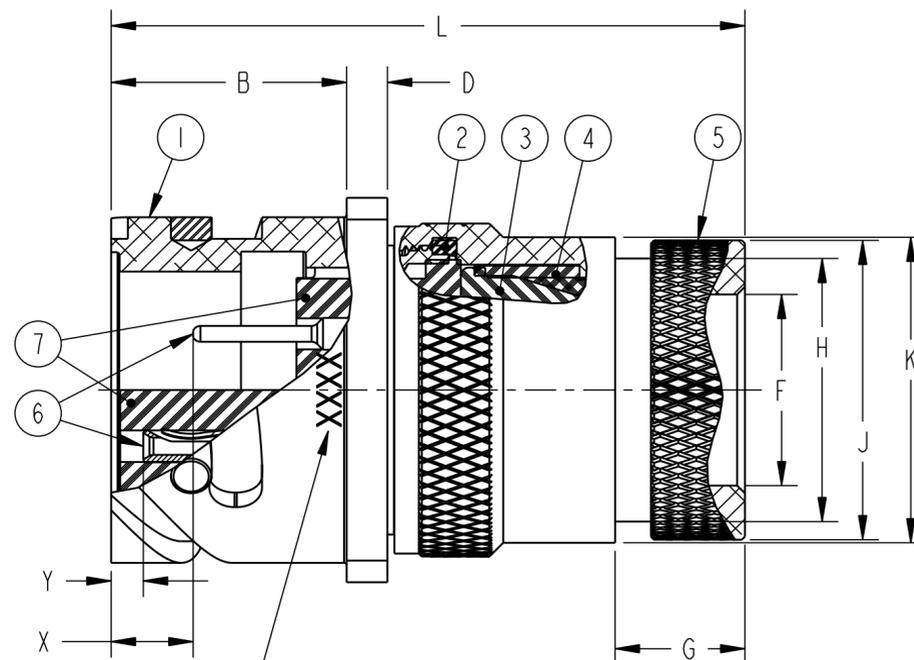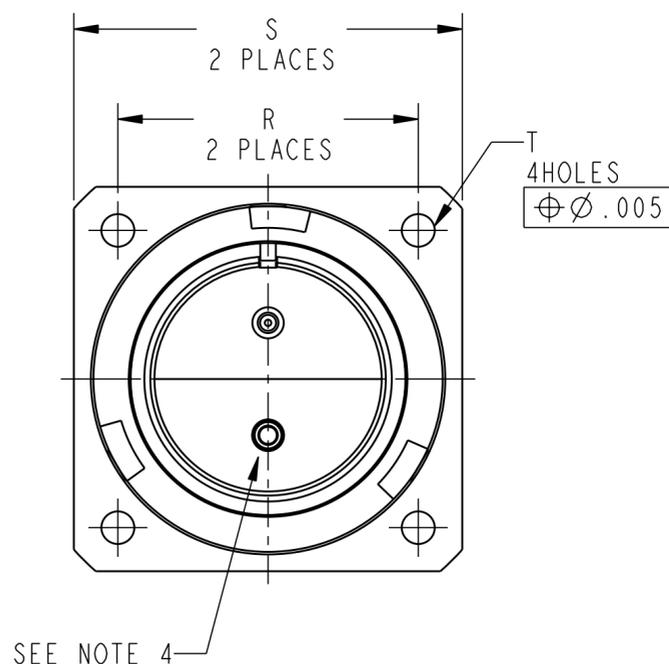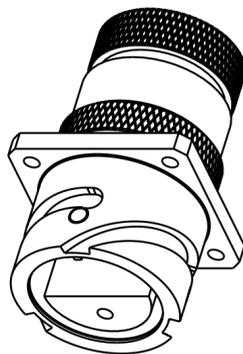
BLACK INK STAMP "AMPHENOL", GT NUMBER, SEE COLUMN,
AND DATE CODE, (9-3895), APPROX .125 HIGH,
IN APPROX LOCATION SHOWN PER 9-3856-5.
EXAMPLE:
AMPHENOL GTC030G20-33P 0452

PARTS LIST

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
7	1	10-748XX-( )	INSERT	
6		SEE NOTE 8	CONTACT	
5	1	10-564846-XX3	ADAPTER	
4	1	10-564869-XX	SLEEVE, COMPRESSION	
3	1	10-607XX-( )	GROMMET	
2	1	10-101379-XX1	GASKET	
1	1	SEE COLUMN	SHELL	

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES
TOLERANCES:
.XXXX = ±.0005   ANGLES= ±2°
.XXX = ±.010
.XX = ±.03
.X = ±.1

DIM.& TOL. PER ASME Y14.5M;
DRM PER MIL-DTL-31000;
OTHER Amphenol Stds. PER 9-3800
LEGENDS:
△ =FLAG NOTE CALL OUT
REFERENCE ONLY

SPECIFICATIONS
MATERIAL SPEC.
N/A

PROCESS SPEC.
SEE NOTE 5

APPROVALS

		DATE
PREPARED BY	A.Prescott	
ENGINEER IN CHARGE	R.Barnes	12-Aug-04
DESIGN MANAGER	D.Gallusser	
DESIGN ACTIVITY GROUP	C & I	

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13838

**CONNECTOR, ELECTRICAL RECEPTACLE,
TYPE GTC030G-(),
OLIVE DRAB CADMIUM PLATED**

SIZE C	CAGE CODE 77820	DOCUMENT NO. 71-586060/079	REV. A
SCALE: 2.0	REF: 71-621380/399		SHEET 1 OF 2

SEE SHEET 2

NOTES:

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

N/A
N/A

PRO/ENGINEER INFORMATION
Pro/e Model Used:
GTC030G.ASSEM
Drawing Name:
71-586060_079

NEXT ASSEMBLY

RELEASED / Aug . 18 2004, 11:49 AM

DOCUMENT NO.
71-586060/079
SHEET 1 OF 2
REV. A

ASSEMBLY NUMBER	SIZE	GT NUMBER	SHELL	B ±.008	D ±.008	F DIA MIN	G ±.020	H DIA MAX	J DIA ±.008	K DIA ±.008	L MAX	R	S ±.012	T DIA ±.002
71-586060-( )	8S	NOT AVAILABLE												
71-586061-( )	10S	NOT AVAILABLE												
71-586062-( )	10SL	GTC030G10SL-( )	10-580713-113	.725	.110	.303	.461	.524	.610	.669	1.969	.717	1.000	.128
71-586063-( )	12S	NOT AVAILABLE												
71-586064-( )	12	NOT AVAILABLE												
71-586065-( )	14S	GTC030G14S-( )	10-580713-143	.725	.126	.417	.461	.669	.752	.791	1.969	.906	1.181	.128
71-586066-( )	14	NOT AVAILABLE												
71-586067-( )	16S	GTC030G16S-( )	10-580713-163	.725	.126	.531	.461	.862	.941	.923	1.969	.969	1.280	.128
71-586068-( )	16	GTC030G16-( )	10-580713-173	.854	.126	.531	.453	.862	.941	.923	2.362	.969	1.280	.128
71-586069-( )	18	GTC030G18-( )	10-580713-183	.915	.157	.637	.453	.862	.941	1.043	2.362	1.063	1.378	.128
71-586070-( )	20	GTC030G20-( )	10-580713-203	.915	.157	.736	.500	1.031	1.165	1.189	2.559	1.157	1.496	.128
71-586071-( )	22	GTC030G22-( )	10-580713-223	.915	.157	.877	.500	1.031	1.165	1.323	2.559	1.252	1.614	.128
71-586072-( )	24	GTC030G24-( )	10-580713-243	.915	.157	.969	.500	1.358	1.488	1.421	2.559	1.374	1.752	.148
71-586073-( )	28	GTC030G28-( )	10-580713-283	.955	.157	1.094	.500	1.358	1.488	1.630	2.559	1.563	2.000	.148
71-586074-( )	32	GTC030G32-( )	10-580713-323	.955	.157	1.392	.598	1.717	1.882	1.913	2.756	1.752	2.244	.171
71-586075-( )	36	GTC030G36-( )	10-580713-363	.955	.157	1.539	.598	1.717	1.882	2.157	3.150	1.937	2.500	.171
71-586076-( )	40	GTC030G40-( )	10-580713-403	.955	.157	1.898	.610	2.071	2.276	2.402	3.150	2.185	2.752	.171
71-586077/79		NOT AVAILABLE												

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

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

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, 9-1936

4. INSERTS ARE NOT REMOVABLE.

3. DRAWING ILLUSTRATES FINAL ASSEMBLY.

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

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

NOTES:

10. APPLY A LIGHT FILM OF LUBE 9-1936 TO GASKET.

9. PACKAGE PER PRODUCTION PROCESS SHEET.

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

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	71-586060/079	A

SCALE: 2.0   REF. 71-621380/399   SHEET 2 OF 2

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