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REV. A	SHEET 1 OF 2	DOCUMENT NO. 71-635980/999
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	

71-635980/999

SHEET 1 OF 2

REV. A

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

Ø T
 ± .005(M)
 4 HOLES

SEE NOTE 2 & 4

BLACK INK STAMP "AMPHENOL", GT NUMBER, (SEE COLUMN),
 AND DATE CODE, (9-3895), PER 9-3856-5. CHARACTERS
 TO BE APPROX .125 HIGH
 EXAMPLE:
 AMPHENOL GTC030CF10SL-3P 0952

SEE PAGE 2

NOTES:

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

PRO/ENGINEER INFORMATION	
N/A	Pro/e Model Used: GTC030CFZ.ASSEM
N/A	Drawing Name: 71-635980_999
NEXT ASSEMBLY	

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 Sds. PER 9-3800

LEGENDS:
 = FLAG NOTE CALL OUT
 REFERENCE ONLY

SPECIFICATIONS

MATERIAL SPEC.

9-1936

PROCESS SPEC.

SEE NOTE 5

POS	QTY	PART NUMBER	DESCRIPTION	NOTE
6	1	10-0748XX-()P/S	INSERT	4
5		SEE NOTE 8	CONTACT	3
4	1	10-564867-XX3	ADAPTER	3
3	1	SEE COLUMN	CLAMP ASSY, JACKETED CABLE	3
2	1	10-101379-XX1	PACKING	10
1	1	SEE COLUMN	SHELL	

PARTS LIST

AMPHENOL CORPORATION

40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13858CONNECTOR, ELECTRICAL RECEPTACLE,
TYPE GTC030CF(),
OLIVE DRAB CADMIUM PLATE

APPROVALS		DATE
PREPARED BY	A.Prescott	7/30/09
ENGINEER IN CHARGE	R.Barnes	
DESIGN MANAGER	R.Barnes	
DESIGN ACTIVITY GROUP	C&I	
THIRD ANGLE PROJECTION		

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	71-635980/999	A
SCALE: 2.5		REF: 71-656340/359	SHEET 1 OF 2

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REV. A

4		3			2							
ASSEMBLY NUMBER	SIZE	GT NUMBER	SHELL	CABLE CLAMP	B ±.008	D ±.008	R	S ±.012	ØT ±.002	ØGC CLOSED REF	ØGF FREE REF	L REF
71-635980-()	8S	NOT AVAILABLE										
71-635981-()	10S	NOT AVAILABLE										
71-635982-()	10SL	GTC030CF10SL-()	10-580713-113	10-350349-123	.725	.110	.717	1.000	.128	.094	.312	2.881
71-635983-()	12S	NOT AVAILABLE										
71-635984-()	12	NOT AVAILABLE										
71-635985-()	14S	GTC030CF14S-()	10-580713-143	10-350349-143	.725	.126	.906	1.181	.128	.230	.438	3.027
71-635986-()	14	NOT AVAILABLE										
71-635987-()	16S	GTC030CF16S-()	10-580713-163	10-350349-163	.725	.126	.969	1.280	.128	.316	.531	3.027
71-635988-()	16	GTC030CF16-()	10-580713-173	10-350349-163	.854	.126	.969	1.280	.128	.316	.531	3.214
71-635989-()	18	GTC030CF18-()	10-580713-183	10-350349-183	.915	.157	1.063	1.378	.128	.378	.625	3.305
71-635990-()	20	GTC030CF20-()	10-580713-203	10-350349-203	.915	.157	1.157	1.496	.128	.445	.750	3.309
71-635991-()	22	GTC030CF22-()	10-580713-223	10-350349-203	.915	.157	1.252	1.614	.128	.445	.750	3.348
71-635992-()	24	GTC030CF24-()	10-580713-243	10-350349-243	.915	.157	1.374	1.752	.148	.611	.938	3.494
71-635993-()	28	GTC030CF28-()	10-580713-283	10-350349-243	.955	.157	1.563	2.000	.148	.611	.938	3.746
71-635994-()	32	GTC030CF32-()	10-580713-323	10-350349-323	.955	.157	1.752	2.244	.171	.922	1.250	4.153
71-635995-()	36	GTC030CF36-()	10-580713-363	10-350349-363	.955	.157	1.937	2.500	.171	.922	1.375	4.401
71-635996-()	40	GTC030CF40-()	10-580713-403	10-350349-403	.955	.157	2.185	2.752	.171	1.180	1.625	4.625
71-635997/999	NOT AVAILABLE											

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	.250

7. FOR MATING CONNECTOR ASSEMBLIES, 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 REMOVEABLE.
3. DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACTS ARE SHIPPED UNASSEMBLED. FOR STORAGE AND SHIPPING, ADAPTER AND CLAMP MUST BE LOOSELY COUPLED.
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.

10. APPLY A LIGHT FILM OF LUBRICANT 9-1936 TO GASKET.
9. PACKAGE PER PRODUCTION PROCESS SHEET.
8. SEE SEPARATE PARTS LIST FOR COMPONENT PART NUMBERS AND QUANTITIES.

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SIZE C	CAGE CODE 77820	DOCUMENT NO. 71-635980/999	REV. A
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