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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:

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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	

APPROVALS

DATE 7/30/09

PREPARED BY A.Prescott
 ENGINEER IN CHARGE R.Barnes
 DESIGN MANAGER R.Barnes
 DESIGN ACTIVITY GROUP C&I

THIRD ANGLE PROJECTION

PARTS LIST

AMPHENOL CORPORATION
 40-60 DELAWARE AVENUE
 SIDNEY, N.Y. 13858

**CONNECTOR, ELECTRICAL RECEPTACLE,
 TYPE GTC030CF(),
 OLIVE DRAB CADMIUM PLATE**

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

FORMAT: C-U-L-R-REV-B

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REV. A

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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											

- FOR MATING CONNECTOR ASSEMBLIES, SEE 71-580450/469 AND OTHERS.
- SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
- PROCESS SPEC:
 ASSY: 9-9238
 TEST: 9-3106-18
 9-3856-5, 9-3895, 9-2437, 9-1936
- INSERTS ARE NOT REMOVEABLE.
- DRAWING ILLUSTRATES FINAL ASSEMBLY. CONTACTS ARE SHIPPED UNASSEMBLED. FOR STORAGE AND SHIPPING, ADAPTER AND CLAMP MUST BE LOOSELY COUPLED.
- FOR CONTACT SIZE, SPACING AND SERVICE RATING, SEE MIL-STD-1651 OR L-11908/48-().
- UNIT MEETS THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

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

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

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