Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	m.n.
	D	(CLII) SEE ECN 27048	6-21-93 RGP	JIB.
	E	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617700-XX3 (NO SLOT) ECN:90078	11-17-04 DEMATTEO	gep
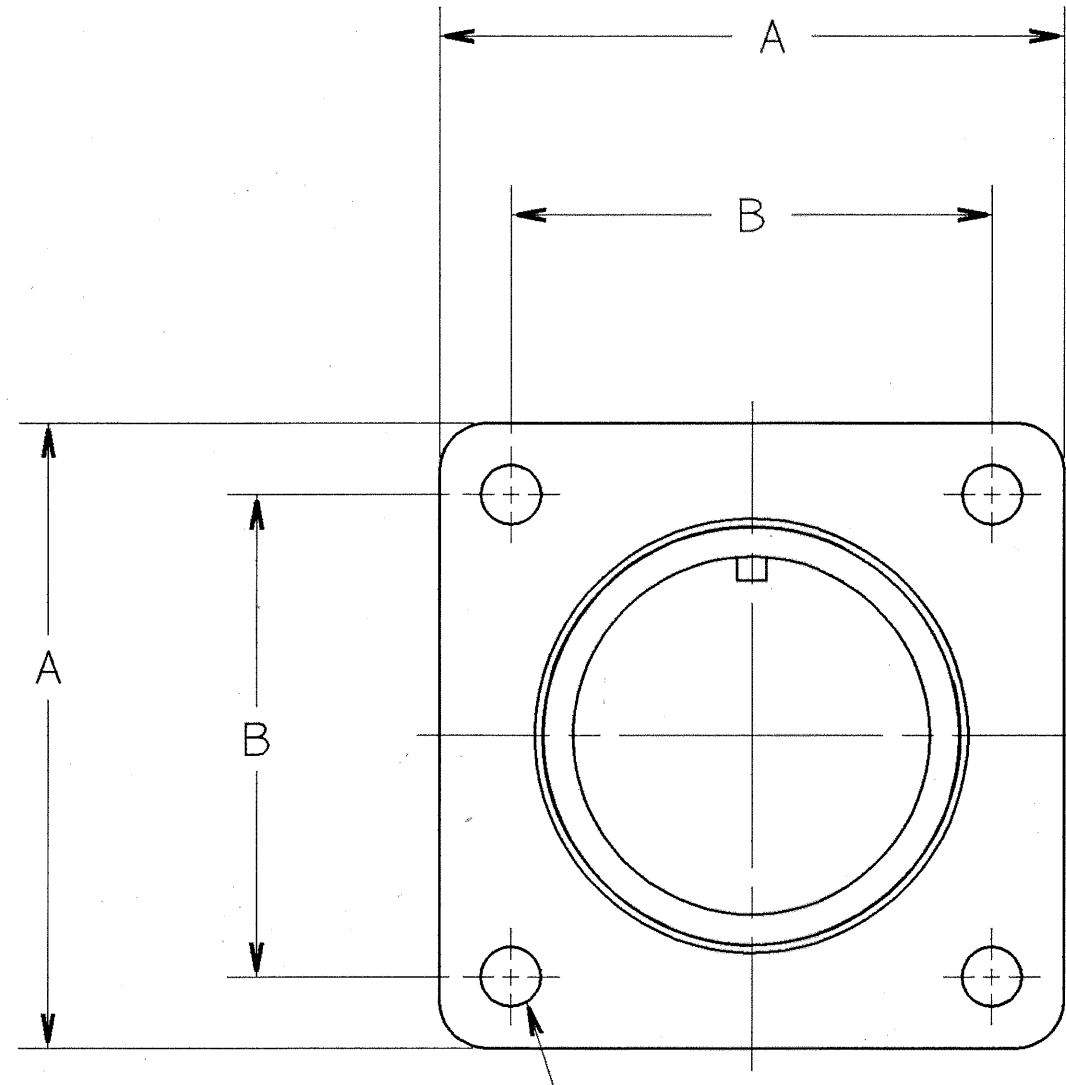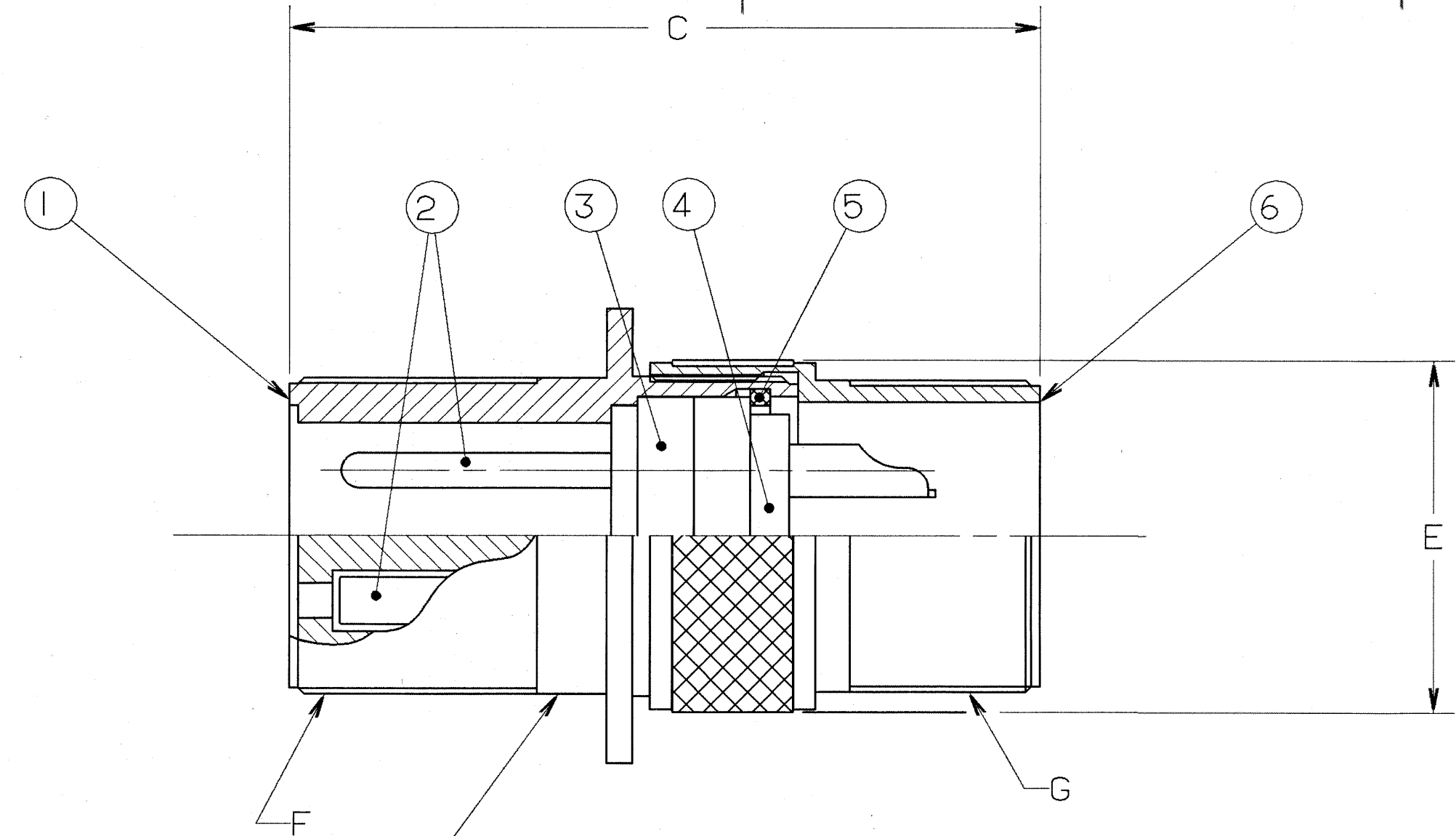
STAMP MS OR AMPHENOL ASSEMBLY ②⑥
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.
DATE CODE PER 9-3895.

D
4 PLACES

97-3100A

PARTS LIST

6	SEE NOTE 1		SEE NOTE 1	BACK SHELL	
5				RING, RETAINING	
4				INSERT, REAR	
3				INSERT, FRONT	
2				CONTACTS	
1				SHELL	
FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN
INCHES.
TOLERANCES: .XXX±.010,
.XX ±.03, .X ±.1,
ANGLES ±2°.
OTHER STANDARDS PER 9-3800
AND DOD-D-1000.

NOTE REF.= ⟨XX⟩

SPECIFICATIONS	SIGNATURES	DATES
MATERIAL SPEC. N/A	PREPARED A.PRESCOTT	11/6/87
	CHECKED PHILPOTT	11/17/87
	MATERIAL	
PROCESS SPEC. 9-2437-33 9-3895	APPROVED BERNHARDT	11/17/87
	APPROVED HAYNER	11/17/87
	1ST PART NO. 10-820000-01S	

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL RECEPTACLE,
TYPE 97-3100A,
OLIVE DRAB CADMIUM PLATED

U

SIZE C | FSCM NO. 77820 | 10-820000/019 | REV. E
SCALE NONE | WT. | REF N/A | SHEET 1 OF 2

SEE SHEET 2.
NOTES:

N/A	N/A

NEXT ASSEMBLY

BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A ±.031	B ±.005	C MAX	D DIA. +.010 -.005	E DIA. MAX	F THREAD	G THREAD
10-820000-()	97-3100A- 8S -()	MS3100A- 8S -()	.875	.594	1.469	.120	.532	.5000-28 UNEF-2A	.5000-28 UNEF-2A
10-820001-()	-10S -()	-10S -()	1.000	.719	1.531		.656	.6250-24 UNEF-2A	.5000-28 UNEF-2A
10-820002-()	-10SL-()	-10SL-()	1.000	.719	1.531		.784	.6250-24 UNEF-2A	.6250-24 UNEF-2A
10-820003-()	-12S -()	-12S -()	1.094	.812	1.688		.782	.7500-20 UNEF-2A	.6250-24 UNEF-2A
10-820004-()	-12SL-()	-12SL-()	NOT AVAILABLE						
10-820005-()	-12 -()	-12 -()	1.094	.812	2.062		.782	.7500-20 UNEF-2A	.6250-24 UNEF-2A
10-820006-()	-14S -()	-14S -()	1.188	.906	1.688		.906	.8750-20 UNEF-2A	.7500-20 UNEF-2A
10-820007-()	-14 -()	-14 -()	1.188	.906	2.062		.906	.8750-20 UNEF-2A	.7500-20 UNEF-2A
10-820008-()	-16S -()	-16S -()	1.281	.969	1.688		1.032	1.0000-20 UNEF-2A	.8750-20 UNEF-2A
10-820009-()	-16 -()	-16 -()	1.281	.969	2.062		1.032	1.0000-20 UNEF-2A	.8750-20 UNEF-2A
10-820010-()	-18 -()	-18 -()	1.375	1.063	2.062		1.156	1.1250-18 UNEF-2A	1.0000-20 UNEF-2A
10-820011-()	-20 -()	-20 -()	1.500	1.156	2.188		1.282	1.2500-18 UNEF-2A	1.1875-18 UNEF-2A
10-820012-()	-22 -()	-22 -()	1.625	1.250	2.188		1.406	1.3750-18 UNEF-2A	1.1875-18 UNEF-2A
10-820013-()	-24 -()	-24 -()	1.750	1.375	2.312	.147	1.532	1.5000-18 UNEF-2A	1.4375-18 UNEF-2A
10-820014-()	-28 -()	-28 -()	2.000	1.563	2.312	.147	1.782	1.7500-18 UNEF-2A	1.4375-18 UNEF-2A
10-820015-()	-32 -()	-32 -()	2.250	1.750	2.438	.173	2.032	2.0000-18 UNEF-2A	1.7500-18 UNEF-2A
10-820016-()	-36 -()	-36 -()	2.500	1.938	2.438		2.282	2.2500-16 UNEF-2A	2.0000-18 UNEF-2A
10-820017-()	-40 -()	-40 -()	2.750	2.188	2.438		2.532	2.5000-16 UN-2A	2.2500-16 UNEF-2A
10-820018-()	-44 -()	-44 -()	NOT AVAILABLE						
10-820019-()	-48 -()	-48 -()	NOT AVAILABLE						

6. TO COMPLETE, ADD APPLICABLE INSERT ARRANGEMENT SUFFIX PER 9-2437-33.

97-3100A

NOTES:

7. IDENTIFY PACKAGE WITH APPLICABLE MS OR 97- PART NUMBER PER NOTE 6.

6. FOR BENDIX INSERT ARRANGEMENT SUFFIX -1 THROUGH -49, STAMP MS ASSEMBLY NUMBER. FOR ALL OTHER INSERT ARRANGEMENT SUFFIX STAMP AMPHENOL ASSEMBLY NUMBER.

5. FOR CONTACT ARRANGEMENT, SEE MIL-STD-1651 AND L-22208-() THROUGH L-22248-().

4. PACKAGE PER PRODUCTION PROCESS SHEET.

3. UNITS MEET THE APPLICABLE REQUIREMENTS OF MIL-C-5015.

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

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

COMPUTER GENERATED DRAWING
IMAGED - Nov. 18 2004, 02:46 PM

SIZE	FSCM NO.		REV.
C	77820	10-820000/019	E
SCALE	WT.	REF	SHEET 2

TAB.

8/29/89 16.20 * 89241 14.58 * PRELSE * 10-820000/019 C002