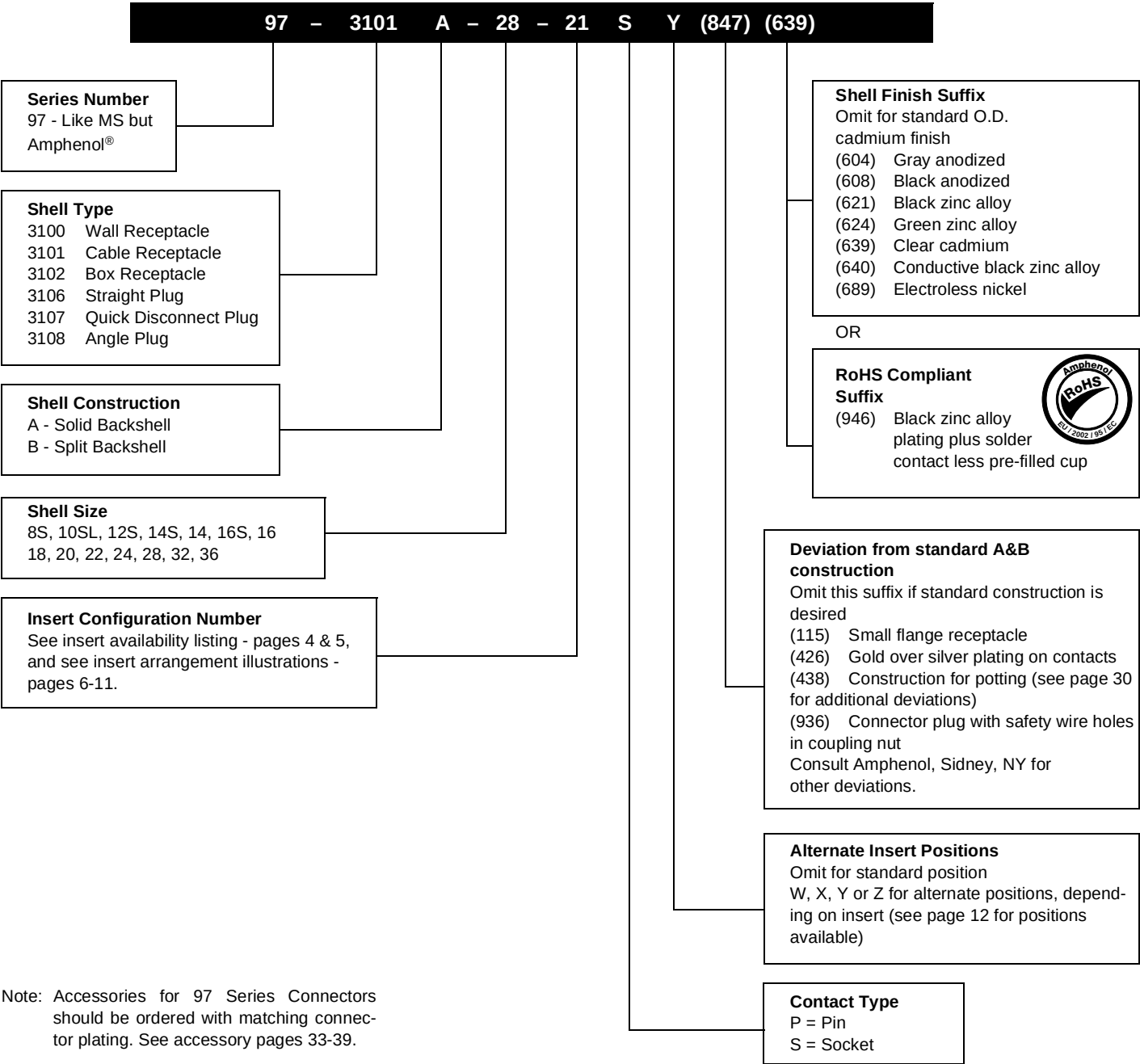


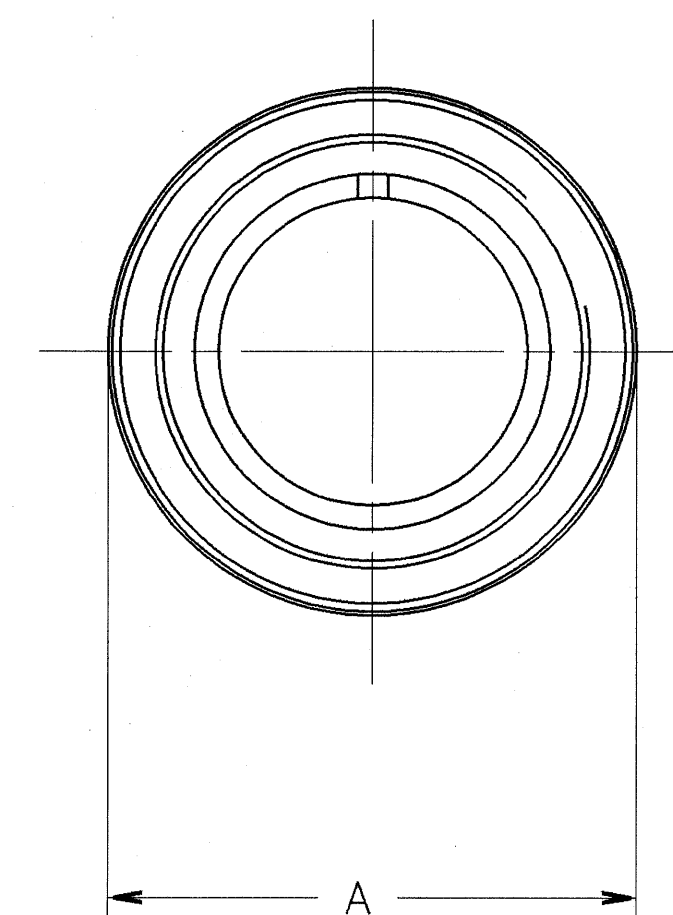
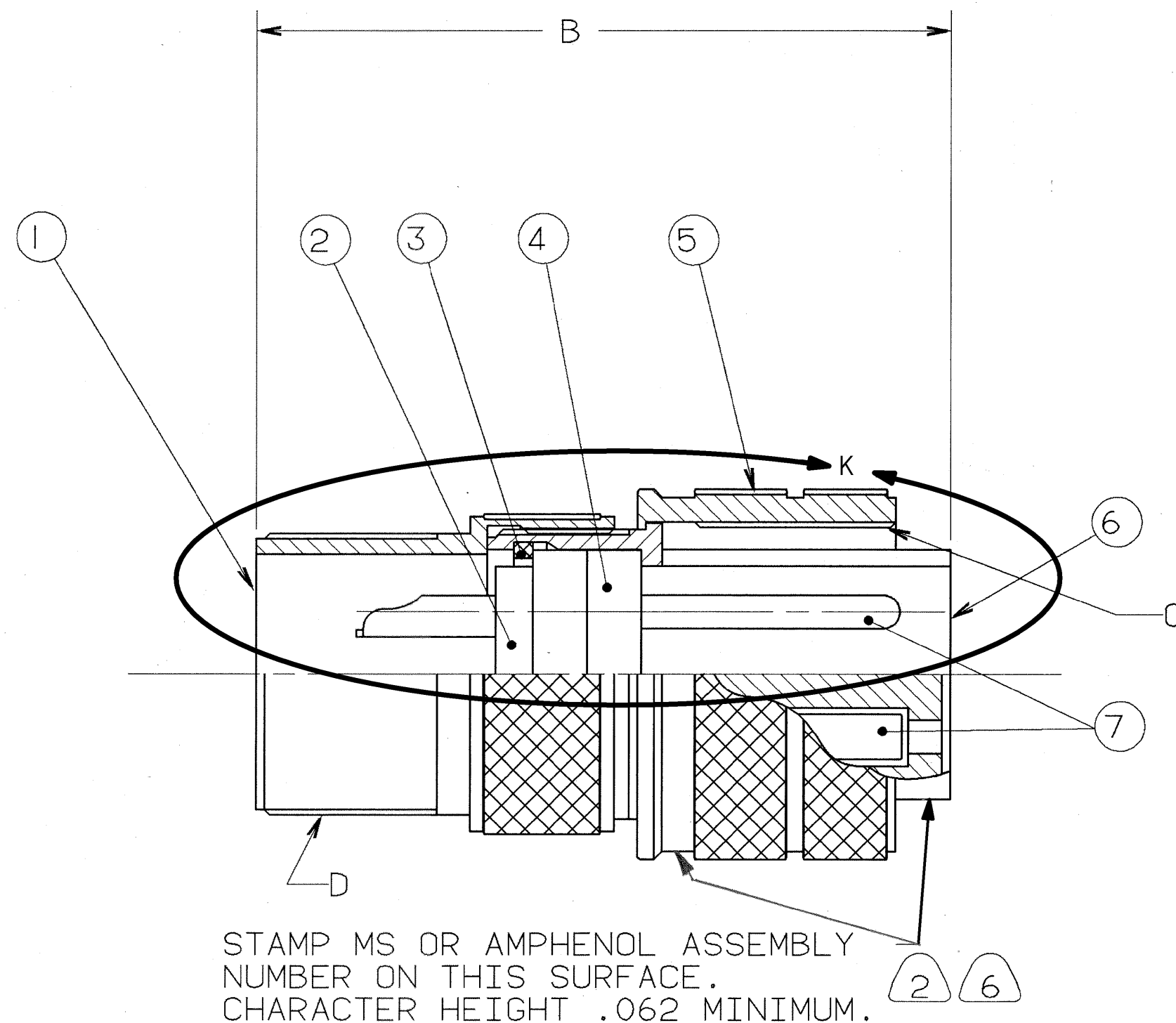
97 series solder type

how to order

Example of part number for solder type connectors is given below.



REVISONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	J.B. m.n.
	D	(CL II) RELOC STAMPING NOTE ECN:26372	7/17/91 PRESCOTT	em
	E	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617702-XX3 (NO SLOT) ECN:90058	11-17-04 DEMATTEO	JCS
	F	(CL II) SEE CHANGE NOTICE ECN: A5986	4-20-09	H.BROOKER



STAMP MS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.

9	1		10-825966-062	RING RETAINING, CPL (12SL ONLY)	
8	1		10-824853-014	RING RETAINING, CPL (10SL ONLY)	
7	SEE NOTE 1		SEE NOTE 1	CONTACTS	
6				SHELL	
5				RING, COUPLING	
4				INSERT, FRONT	
3				RING RETAINER	
2				INSERT, REAR	
1				BACK SHELL	

D	FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
	PARTS LIST					
	SPECIFICATIONS	SIGNATURES	DATES	AMPHENOL CORPORATION BENDIX CONNECTOR OPERATIONS SIDNEY, N.Y.		
	MATERIAL SPEC. N/A	PREPARED A. PRESCOTT	11/6/87	CONNECTOR, ELECTRICAL PLUG, TYPE 97-3106A, OLIVE DRAB CADMIUM PLATED		
		CHECKED PHILPOTT	11/09/87			
		MATERIAL				
	PROCESS SPEC. 9-2437-33	APPROVED BERNHARDT	11/10/87	SIZE C	FSCM NO. 77820	10-820060/079
		APPROVED HAYNER	11/10/87	SCALE NONE	WT. REF N/A	REV. F
		1ST PART NO. SF-820071-06P		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

NEXT ASSEMBLY

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. =

00000000 |

0 | 250

TAB.

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Technical drawing of a connector assembly, showing a cross-section view (left) and a top view (right). The drawing is labeled with dimensions A, B, C, D, K, and callouts 1 through 7. A note indicates: "STAMP MS OR AMPHENOL ASSEMBLY NUMBER ON THIS SURFACE. CHARACTER HEIGHT .062 MINIMUM." The drawing is framed by a border with labels 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 7 ECN: 22391	08/29/89 BURNSIDE	J.B.
	D	(CL II) RELOC STAMPING NOTE ECN: 26372	7/17/91 PRESCOTT	m.n.
	E	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617702-XX3 (NO SLOT) ECN: 90058	11-17-04 DEMATTEO	J.C.
	F	(CL II) SEE CHANGE NOTICE ECN: A5986	4-20-09	H.BROOKER

97-3106A

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
9	1		10-825966-062	RING RETAINING, CPL (12SL ONLY)	
8	1		10-824853-014	RING RETAINING, CPL (10SL ONLY)	
7	SEE NOTE		SEE NOTE 1	CONTACTS	
6				SHELL	
5				RING, COUPLING	
4				INSERT, FRONT	
3				RING RETAINER	
2				INSERT, REAR	
1				BACK SHELL	

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

SEE SHEET 2.

NOTES:

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MAY CONTAIN LIMITED RIGHTS DATA.

N/A
N/A
NEXT ASSEMBLY

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL PLUG,
TYPE 97-3106A,
OLIVE DRAB CADMIUM PLATED

SIZE C 77820 10-820060/079
SCALE NONE WT. REF. N/A SHEET 1 OF 2

000000001 01250

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TAB.

4

3

2

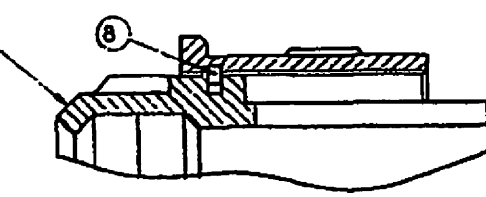
1

BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A DIA.	B	C THREAD	D THREAD
10-820060-()	97-3106A- 8S -()	MS 3106A- 8S -()	.750	1.250	.5000-28 UNEF-2B	.5000-28 UNEF-2A
10-820061-()	-10S -()	-10S -()	.875	1.312	.6250-24 UNEF-2B	.5000-28 UNEF-2A
10-820062-()	-10SL-()	-10SL-()	.875	1.375	.6250-24 UNEF-2B	.6250-24 UNEF-2A
10-820063-()	-12S -()	-12S -()	1.000	1.438	.7500-20 UNEF-2B	.6250-24 UNEF-2A
10-820064-()	-12SL-()	-12SL-()	1.000	1.484	.7500-20 UNEF-2B	.7500-20 UNEF-2A
10-820065-()	-12 -()	-12 -()	1.000	1.875	.7500-20 UNEF-2B	.6250-24 UNEF-2A
10-820066-()	-14S -()	-14S -()	1.125	1.438	.8750-20 UNEF-2B	.7500-20 UNEF-2A
10-820067-()	-14 -()	-14 -()	1.125	1.875	.8750-20 UNEF-2B	.7500-20 UNEF-2A
10-820068-()	-16S -()	-16S -()	1.250	1.453	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
10-820069-()	-16 -()	-16 -()	1.250	1.891	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
10-820070-()	-18 -()	-18 -()	1.344	2.000	1.1250-18 UNEF-2B	1.0000-20 UNEF-2A
10-820071-()	-20 -()	-20 -()	1.469	2.125	1.2500-18 UNEF-2B	1.1875-18 UNEF-2A
10-820072-()	-22 -()	-22 -()	1.594	2.125	1.3750-18 UNEF-2B	1.1875-18 UNEF-2A
10-820073-()	-24 -()	-24 -()	1.719	2.250	1.5000-18 UNEF-2B	1.4375-18 UNEF-2A
10-820074-()	-28 -()	-28 -()	1.969	2.250	1.7500-18 UNEF-2B	1.4375-18 UNEF-2A
10-820075-()	-32 -()	-32 -()	2.219	2.375	2.0000-18 UNEF-2B	1.7500-18 UNEF-2A
10-820076-()	-36 -()	-36 -()	2.469	2.375	2.2500-16 UN-2B	2.0000-18 UNEF-2A
10-820077-()	-40 -()	-40 -()	2.719	2.375	2.5000-16 UN-2B	2.2500-16 UN-2A
10-820078-()	-44 -()	-44 -()	NOT AVAILABLE			
10-820079-()	-48 -()	-48 -()	NOT AVAILABLE			

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

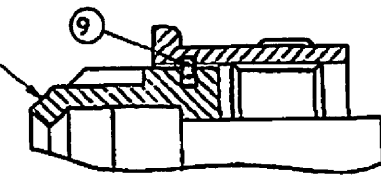
6

FORM OVER



VIEW K
BACK SHELL REMOVED
SIZE 10SL ONLY

FORM OVER



VIEW K
BACK SHELL REMOVED
SIZE 12SL ONLY

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 BENDIX INSERT ARRANGEMENT SUFFIX
-50 THROUGH -99, AND -AA THROUGH -BC, 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.

NOTES:

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SIZE

FSCM NO.

REV.

SCALE

WT.

REF.

SHEET

2

10-820060/079

F

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TAB.