

97 series solder type

how to order

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



8/20/89 08:19 * 89241 15:55 * PRELSE * 10-820160/179 0001

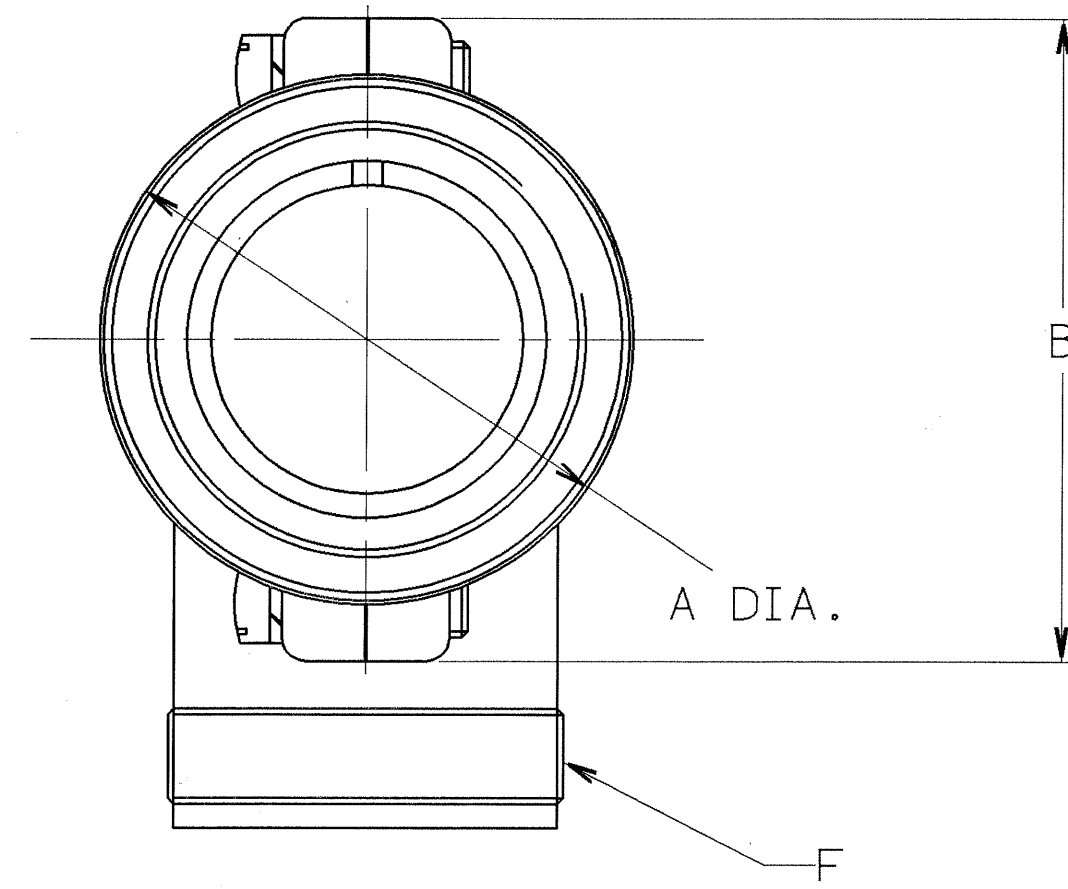
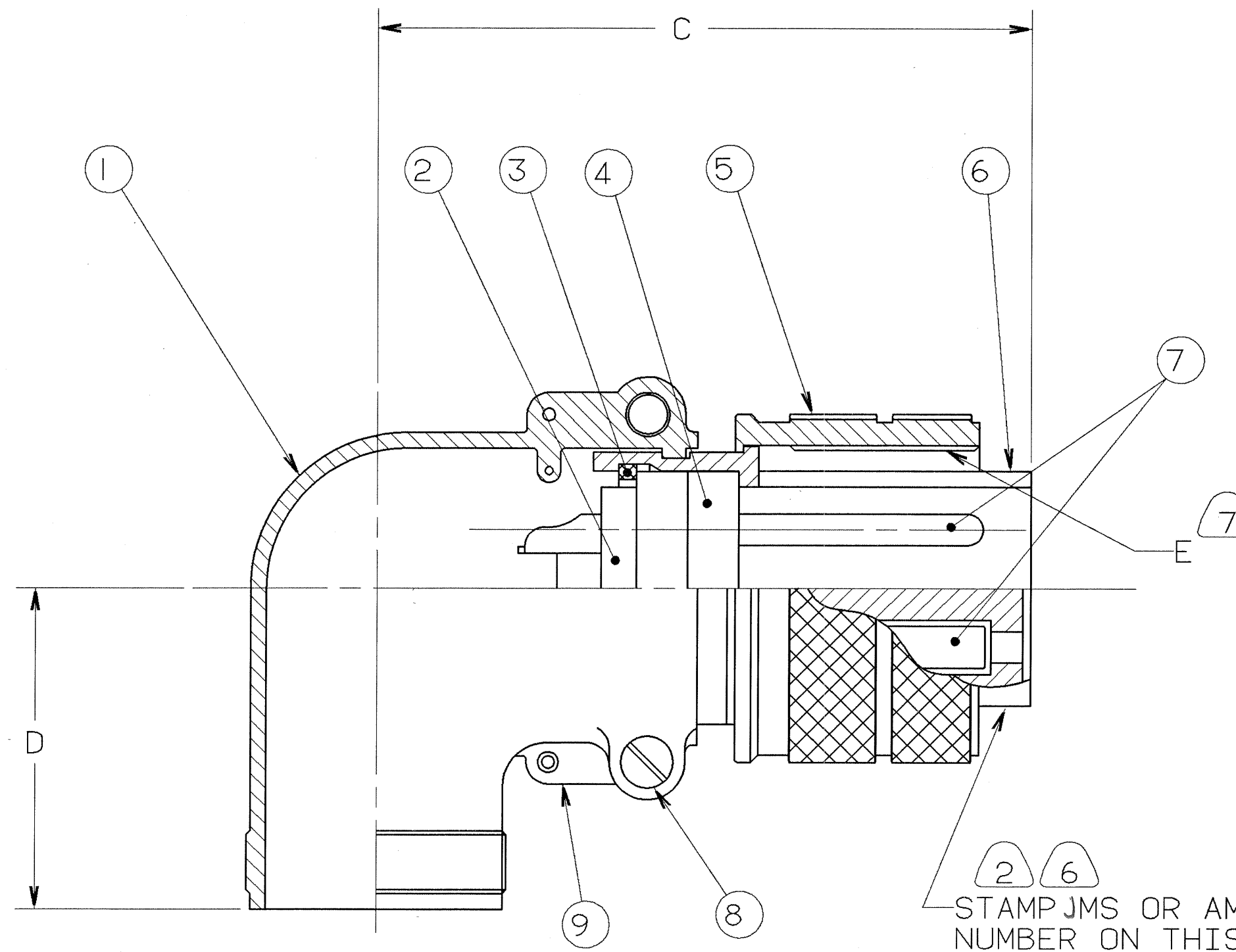
4

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	D	(CLII) ADDED NOTE 8 ECN:22391	08/29/89 BURNSIDE	m.m. J.B.
	E	(CLII) SEE ECN 91398	9/16/89	J. Balcan



STAMP JMS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.
EXAMPLE: JMS 3108B-12S-3P OR 97-3108B-12S-3P

9	SEE NOTE	SEE NOTE 1	BACK SHELL, MALE	
8			SCREW, BACK SHELL	
7			CONTACTS	
6			SHELL	
5			RING, COUPLING	7
4			INSERT, FRONT	
3			RING, RETAINING	
2			INSERT, REAR	
1			BACK SHELL, FEMALE	

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.

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
PARTS LIST					
SPECIFICATIONS	SIGNATURES		DATES	AMPHENOL CORPORATION	
MATERIAL SPEC. N/A	PREPARED	A. PRESCOTT	11/06/87	BENDIX CONNECTOR OPERATIONS	
	CHECKED	PHILPOTT	11/17/87	SIDNEY, N.Y.	
	MATERIAL			CONNECTOR, ELECTRICAL PLUG,	
				TYPE 97-3108B,	
PROCESS SPEC. 9-2437-33 9-7568	APPROVED	BERNHARDT	11/16/87	OLIVE DRAB CADMIUM PLATE.	
	APPROVED	HAYNER	11/17/87	SIZE	FSCM NO.
	1ST PART NO.		C	77820	10-820160/179
	10-820162-03S		SCALE	NONE	WT.
				N/A	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

NOTE REF. =

8/30/89 08:17 • 89241 15.43 • PRELISE • 10-820160/179 • 0002

4

3

2

1

BENDIX
ASSEMBLY
NUMBER

10-820160-()
1-()
2-()

3-()
4-()
5-()

6-()
7-()
8-()

9-()
10-820170-()
1-()

2-()
3-()
4-()

5-()
6-()
7-()

8-()
9-()

97-3108B- 8S -()
-10S -()
-10SL-()

-12S -()
-12SL-()
-12 -()

-14S -()
-14 -()
-16S -()

-16 -()
-18 -()
-20 -()

-22 -()
-24 -()
-28 -()

-32 -()
-36 -()
-40 -()

-44 -()
-48 -()

MS3108B - 8S -()
-10S -()
-10SL-()

-12S -()
-12SL-()
-12 -()

-14S -()
-14 -()
-16S -()

-16 -()
-18 -()
-20 -()

-22 -()
-24 -()
-28 -()

-32 -()
-36 -()
-40 -()

-44 -()
-48 -()

A
DIA.

B

C

D

E
THREAD

F
THREAD

NOT AVAILABLE					
NOT AVAILABLE					
.875	-----	1.500	1.000	.6250-24 UNEF-2B	.6250-24 UNEF-2A
1.000	-----	1.562	1.000	.7500-20 UNEF-2B	.6250-24 UNEF-2A
NOT AVAILABLE					
1.000	-----	1.875	1.000	.7500-20 UNEF-2B	.6250-24 UNEF-2A
1.125	1.281	1.719	1.063	.8750-20 UNEF-2B	.7500-20 UNEF-2A
NOT AVAILABLE					
1.250	1.500	1.750	1.125	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
1.250	1.500	2.125	1.125	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
1.344	1.641	2.156	1.187	1.1250-18 UNEF-2B	1.0000-20 UNEF-2A
1.469	1.812	2.375	1.312	1.2500-18 UNEF-2B	1.1875-18 UNEF-2A
1.594	1.937	2.406	1.312	1.3750-18 UNEF-2B	1.1875-18 UNEF-2A
1.719	2.063	2.625	1.437	1.5000-18 UNEF-2B	1.4375-18 UNEF-2A
1.969	2.312	2.625	1.437	1.7500-18 UNEF-2B	1.4375-18 UNEF-2A
2.219	2.594	2.812	1.750	2.0000-18 UNEF-2B	1.7500-18 UNEF-2A
2.469	2.848	2.844	1.937	2.2500-16 UNEF-2B	2.0000-18 UNEF-2A
2.719	3.156	2.969	2.062	2.2500-16 UNEF-2B	2.2500-16 UN -2A
NOT AVAILABLE					
NOT AVAILABLE					

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

6

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

7. APPLY LUBRICANT 9-7568 TO THREADS OF COUPLING RING.

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:

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

COMPUTER GENERATED DRAWING

TAB.

SIZE
C

FSCM NO.
77820

10-820160/179

REV.
E

SCALE

WT.

REF

SHEET
2