

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

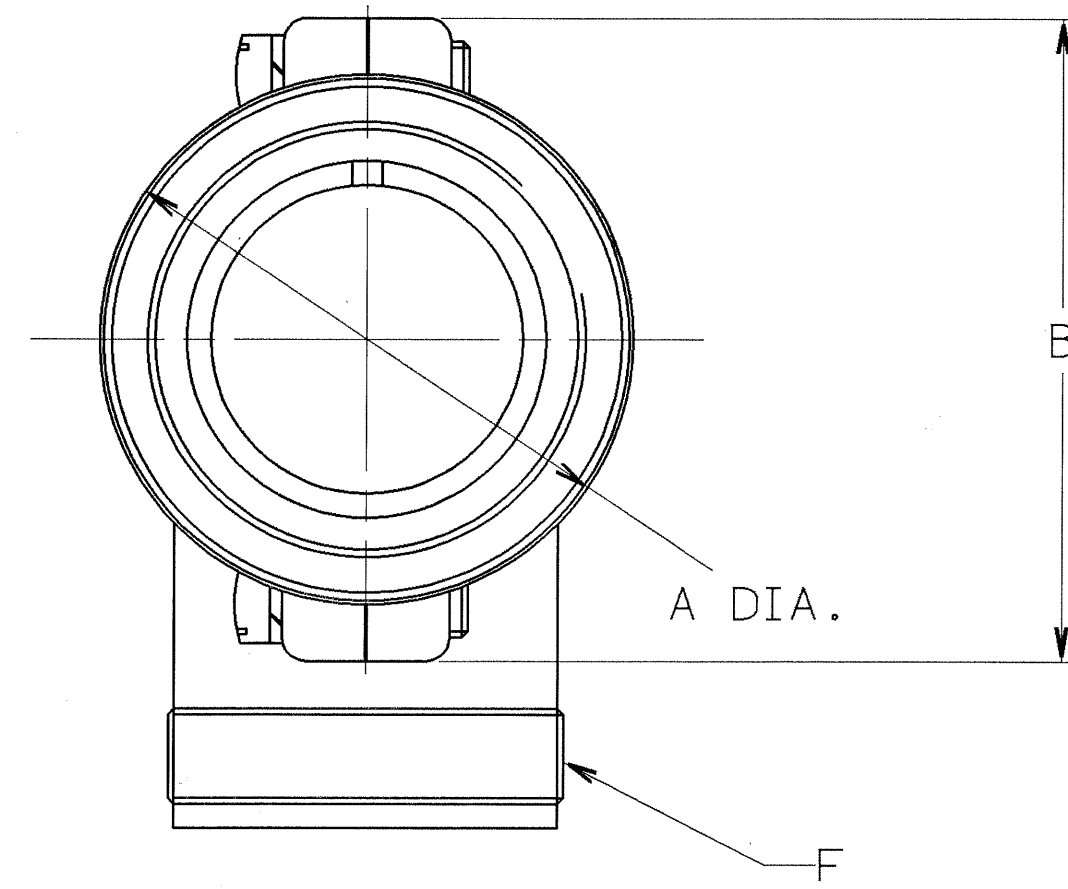
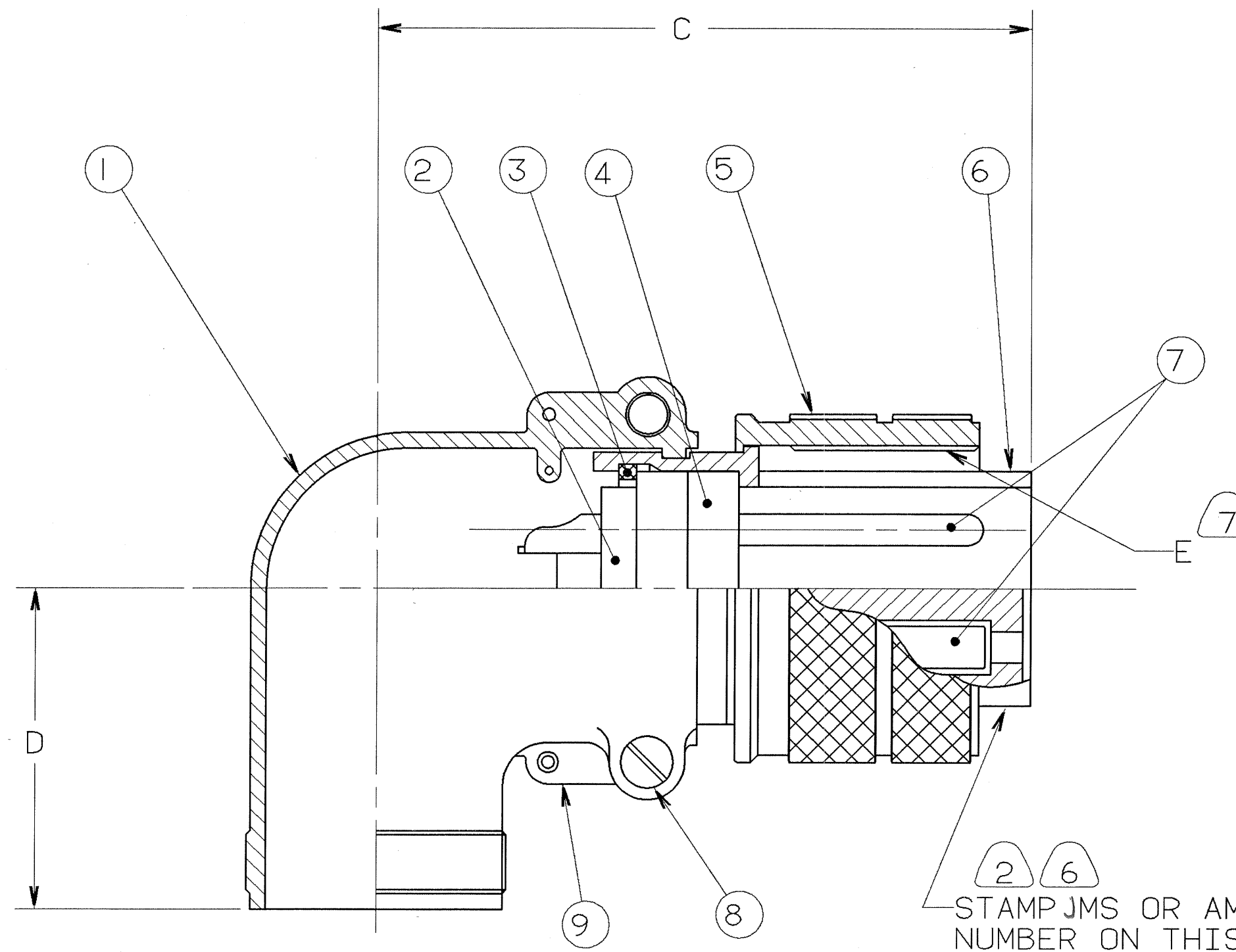
4

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			AMPHENOL CORPORATION		
MATERIAL SPEC.			BENDIX CONNECTOR OPERATIONS		
N/A			SIDNEY, N.Y.		
PROCESS SPEC.			CONNECTOR, ELECTRICAL PLUG,		
9-2437-33			TYPE 97-3108B,		
9-7568			OLIVE DRAB CADMIUM PLATE.		
APPROVED BERNHARDT			SIZE	FSCM NO.	REV.
APPROVED HAYNER			C 77820	10-820160/179	E
1ST PART NO.			SCALE	NONE	WT.
10-820162-03S			REF 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-()

AMPHENOL
ASSEMBLY
NUMBER

97-3108B- 8S -()
-10S -()
-10SL-()
-12S -()
-12SL-()
-12 -()
-14S -()
-14 -()
-16S -()
-16 -()
-18 -()
-20 -()
-22 -()
-24 -()
-28 -()
-32 -()
-36 -()
-40 -()
-44 -()
-48 -()

MS
ASSEMBLY
NUMBER

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
1.000
NOT AVAILABLE
1.000
1.125 1.281
NOT AVAILABLE
1.250 1.500
1.250 1.500
1.344 1.641
1.469 1.812
1.594 1.937
1.719 2.063
1.969 2.312
2.219 2.594
2.469 2.848
2.719 3.156
NOT AVAILABLE
NOT AVAILABLE

1.500 1.000 .6250-24 UNEF-2B .6250-24 UNEF-2A
1.562 1.000 .7500-20 UNEF-2B .6250-24 UNEF-2A
1.875 1.000 .7500-20 UNEF-2B .6250-24 UNEF-2A
1.719 1.063 .8750-20 UNEF-2B .7500-20 UNEF-2A
1.750 1.125 1.0000-20 UNEF-2B .8750-20 UNEF-2A
2.125 1.125 1.0000-20 UNEF-2B .8750-20 UNEF-2A
2.156 1.187 1.1250-18 UNEF-2B 1.0000-20 UNEF-2A
2.375 1.312 1.2500-18 UNEF-2B 1.1875-18 UNEF-2A
2.406 1.312 1.3750-18 UNEF-2B 1.1875-18 UNEF-2A
2.625 1.437 1.5000-18 UNEF-2B 1.4375-18 UNEF-2A
2.625 1.437 1.7500-18 UNEF-2B 1.4375-18 UNEF-2A
2.812 1.750 2.0000-18 UNEF-2B 1.7500-18 UNEF-2A
2.844 1.937 2.2500-16 UNEF-2B 2.0000-18 UNEF-2A
2.969 2.062 2.2500-16 UNEF-2B 2.2500-16 UN -2A

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

SIZE
C

FSCM NO.
77820

10-820160/179

REV.
E

SCALE

WT.

REF

SHEET
2

TAB.