

97 series solder type

how to order

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



8/29/89 16.24 * 89241 16.53 * PRELSE * 10-820120/139 0001

4321

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 8 ECN:22391	08/29/89 BURNSIDE	<i>m.d.</i> <i>J.B.</i>

1 2 3 4 5 6 7 7 D E 9 8

A C

2 6

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

SEE SHEET 2.

NOTES:

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HOWEVER, DOCUMENTS REFERENCED HEREON
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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.=

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
9	SEE NOTE		SEE NOTE 1	BACK SHELL, FEMALE	
8				SCREW, BACK SHELL	
7				CONTACTS	
6				SHELL	
5				RING, COUPLING	7
4				INSERT, FRONT	
3				RING, RETAINING	
2				INSERT, REAR	
1				BACK SHELL, MALE	

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

9-2437-33

SIGNATURES

PREPARED
A.PRESCOTT
CHECKED
PHILPOTT
MATERIAL

DATES

11/6/87
11/12/87
11/13/87
11/17/87

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

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

U

SIZE

FSCM NO.

C 77820 10-820120/139

REV.

C

SCALE

NONE

WT.

REF

N/A

SHEET

1 OF 2

COMPUTER GENERATED DRAWING.

000000001

01251

TAB.

97-3106B

A

B

C

D

8/29/89 16:24 * 89241 15:30 * PRELISE * 10-820120/139 0002

4

3

2

1

D

C

B

A

BENDIX
ASSEMBLY
NUMBER

AMPHENOL
ASSEMBLY
NUMBER

MS
ASSEMBLY
NUMBER

A
DIA.

B

C

D
THREAD

E
THREAD

10-820120-()
10-820121-()
10-820122-()
10-820123-()
10-820124-()
10-820125-()
10-820126-()
10-820127-()
10-820128-()
10-820129-()
10-820130-()
10-820131-()
10-820132-()
10-820133-()
10-820134-()
10-820135-()
10-820136-()
10-820137-()
10-820138-()
10-820139-()

97-3106B- 8S -()
-10S -()
-10SL-()
-12S -()
-12SL-()
-12 -()
-14S -()
-14 -()
-16S -()
-16 -()
-18 -()
-20 -()
-22 -()
-24 -()
-28 -()
-32 -()
-36 -()
-40 -()
-44 -()
-48 -()

MS3106B- 8S -()
-10S -()
-10SL-()
-12S -()
-12SL-()
-12 -()
-14S -()
-14 -()
-16S -()
-16 -()
-18 -()
-20 -()
-22 -()
-24 -()
-28 -()
-32 -()
-36 -()
-40 -()
-44 -()
-48 -()

NOT AVAILABLE
↓
NOT AVAILABLE
1.125 1.688
1.250 1.688
NOT AVAILABLE
1.344 2.063
1.469 2.125
1.594 2.125
1.719 2.281
1.969 2.281
2.219 2.312
2.469 2.344
2.812 2.344
NOT AVAILABLE
NOT AVAILABLE

1.156
1.250
1.641
1.812
1.937
2.063
2.312
2.594
2.848
3.156

.8750-20 UNEF-2B
1.0000-20 UNEF-2B
1.1250-18 UNEF-2B
1.2500-18 UNEF-2B
1.3750-18 UNEF-2B
1.5000-18 UNEF-2B
1.7500-18 UNEF-2B
2.0000-18 UNEF-2B
2.2500-16 UN-2B
2.5000-16 UN-2B

.7500-20 UNEF-2A
.8750-20 UNEF-2A
1.0000-20 UNEF-2A
1.1875-18 UNEF-2A
1.1875-18 UNEF-2A
1.4375-18 UNEF-2A
1.4375-18 UNEF-2A
1.7500-18 UNEF-2A
2.0000-18 UNEF-2A
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.

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COMPUTER GENERATED DRAWING

SIZE
C

FSCM NO.
77820

REV.
C

SCALE

WT.

REF

SHEET
2

TAB.

10-820120/139

97-3106B