

97 series solder type

how to order

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



8/29/89 16:21 * 89241 10:00 * PRELSE * 10-820040/059 E001

4

3

2

1

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	E	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	<i>M.B.</i>
	F	(CLII) SEE CHANGE NOTICE ECN:28598	5-4-94 DEMATTED	<i>ged</i>
	G	(CLII) SEE ECN:82021	8/6/96 Gill	<i>ged</i>
	H	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617703-XX3(NOSLOT) ECN:89330	7/19/09 A.B. <i>navy</i>	<i>ged</i>

A REF

B REF

A REF

B REF

D

4 PLACES

C REF

E REF

1

2

3

4

5

8

F

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

26

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.= XX

FIND NO.

QTY REQD.

FSCM NO.

PART NUMBER

DESCRIPTION

NOTE REF.

5

SEE NOTE

SEE NOTE 1

RING, RETAINING

4

INSERT, REAR

3

INSERT, FRONT

2

CONTACTS

1

SHELL

SPECIFICATIONS

SIGNATURES

DATES

MATERIAL SPEC.

N/A

PROCESS SPEC.

9-2437-33

PREPARED

A. PRESCOTT

11/6/87

CHECKED

R. PHILPOTT

11/8/87

APPROVED

J. BERNHARDT

11/10/87

APPROVED

N. HAYNER

11/10/87

1ST PART NO.

10-820050-01P

AMPHENOL CORPORATION

BENDIX CONNECTOR OPERATIONS

SIDNEY, N.Y.

CONNECTOR, ELECTRICAL RECEPTACLE

TYPE 97-3102A,

OLIVE DRAB CADMIUM PLATED

SIZE

C

FSCM NO.

77820

10-820040/059

SCALE

NONE

WT.

REF

N/A

SHEET

1 OF 2

REV.

H

COMPUTER GENERATED DRAWING.

000000001

01250

TAB.

IMAGED / Nov 04 2004 09:26 AM

97-3102A

SCANNED

A

B

C

D

8/29/89 16:21 * 89241 15:02 * PRELISE * 10-820040/059 E002

4

3

2

1

D

C

B

A

10-820040-()
10-820041-()
10-820042-()

10-820043-()
10-820044-()
10-820045-()

10-820046-()
10-820047-()
10-820048-()

10-820049-()
10-820050-()
10-820051-()

10-820052-()
10-820053-()
10-820054-()

10-820055-()
10-820056-()
10-820057-()

10-820058-()
10-820059-()

97-3102A- 8S -()
-10S -()
-10SL-()

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

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

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

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

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

-44 -()
-48 -()

MS3102A- 8S -()
-10S -()
-10SL-()

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

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

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

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

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

-44 -()
-48 -()

A
B
C
D DIA.
E DIA.
F
THREAD

.875
.594
.938
.120
.438
.5000-28 UNEF-2A
.6250-24 UNEF-2A
.6250-24 UNEF-2A

.688
.7500-20 UNEF-2A
.688
.7500-20 UNEF-2A
.688
.7500-20 UNEF-2A

.750
.8750-20 UNEF-2A
.750
.8750-20 UNEF-2A
.875
1.0000-20 UNEF-2A

.875
1.0000-20 UNEF-2A
1.000
1.1250-18 UNEF-2A
1.125
1.2500-18 UNEF-2A

2.250
1.375
1.5000-18 UNEF-2A
1.625
1.7500-18 UNEF-2A

1.906
2.0000-18 UNEF-2A
2.125
2.2500-16 UN-2A
2.375
2.5000-16 UN-2A

NOT AVAILABLE
NOT AVAILABLE

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

6

8. ~~ALTERNATE STAMPING LOCATION WHEN
SPACE DOES NOT PERMIT STAMPING
ON INDICATED SURFACE.~~

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.

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SIZE
C

FSCM NO.
77820

10-820040/059

REV.
H

SCALE

WT.

REF

SHEET
2

TAB.