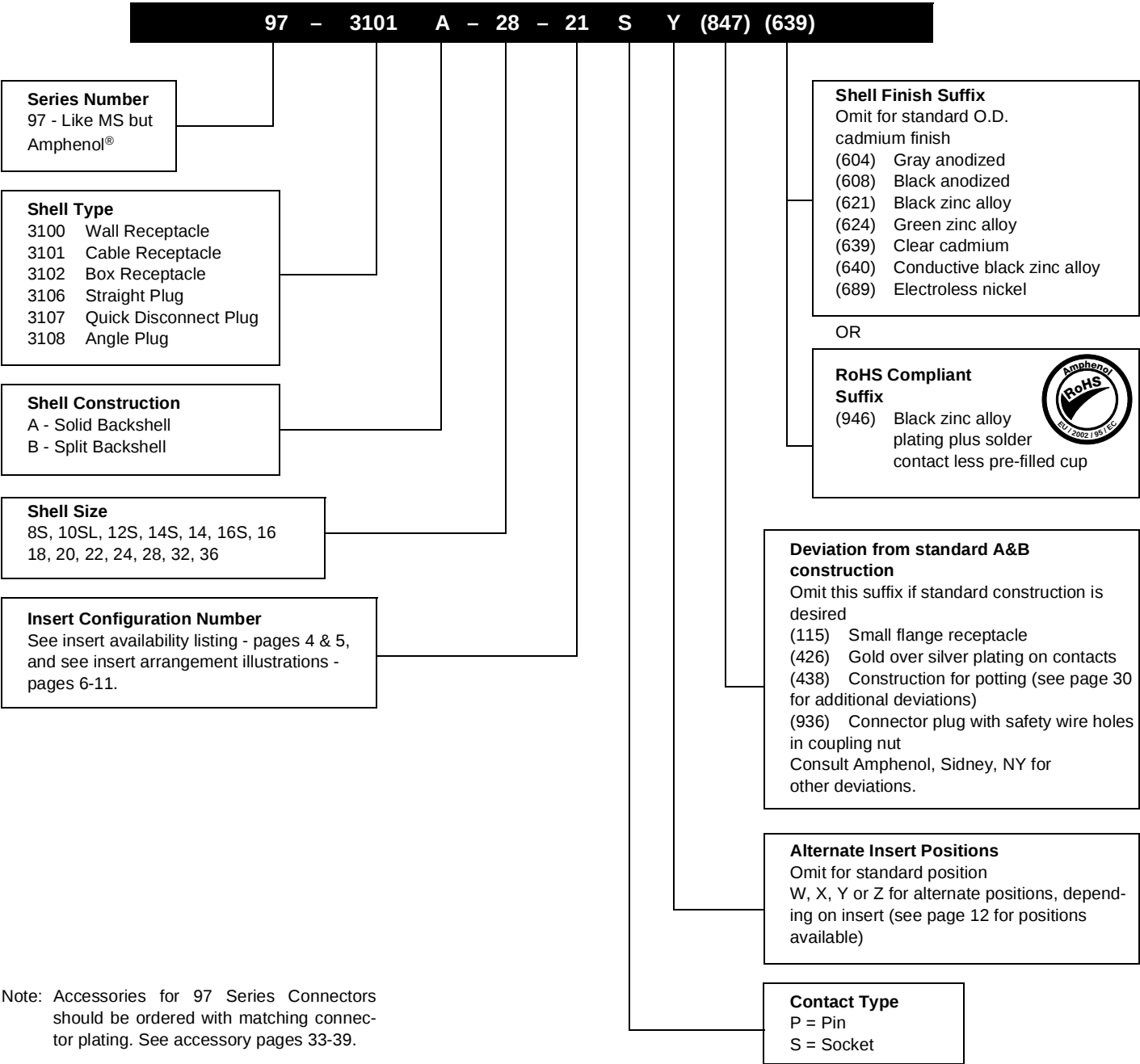


97 series solder type

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**

5

4

3

2

1

SEE NOTE

SEE NOTE 1

RING, RETAINING

INSERT, REAR

INSERT, FRONT

CONTACTS

SHELL

FIND NO.

QTY REQD.

FSCM NO.

PART NUMBER

DESCRIPTION

NOTE REF.

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

9-2437-33

SIGNATURES

PREPARED
A. PRESCOTT

CHECKED
R. PHILPOTT

APPROVED
J. BERNHARDT

APPROVED
N. HAYNER

1ST PART NO.

DATES

11/6/87

11/8/87

11/10/87

11/10/87

10-820050-01P

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL RECEPTACLE
TYPE 97-3102A,
OLIVE DRAB CADMIUM PLATED

SIZE

FSCM NO.

C 77820

10-820040/059

SCALE

NONE

WT.

REF

N/A

SHEET

1 OF 2

REV.

H

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01250

TAB.

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97-3102A

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
.0000-20 UNEF-2A

.875
.0000-20 UNEF-2A
.000
.1250-18 UNEF-2A
.125
.2500-18 UNEF-2A

2.250
.375
.5000-18 UNEF-2A
.625
.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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[97-3102A16S8P](#) [97-3102A16S8S](#) [97-3102A1810P](#) [97-3102A1810S](#) [97-3102A1811S](#) [97-3102A1812P](#) [97-3102A1812S](#) [97-3102A1819S](#) [97-3102A181S](#) [97-3102A188P](#) [97-3102A188S](#) [97-3102A2015P](#) [97-3102A2015S](#) [97-3102A2016P](#) [97-3102A2016S](#) [97-3102A2027P](#) [97-3102A2027S](#) [97-3102A2029P](#) [97-3102A2029S](#) [97-3102A204S](#) [97-3102A207P](#) [97-3102A207S](#) [97-3102A2214P](#) [97-3102A2214S](#) [97-3102A2219S](#) [97-3102A2428P](#) [97-3102A2428S](#) [97-3102A2821P](#) [97-3102A2821S](#) [97-3102A-16S-1P](#) [97-3102A1819P](#) [97-3102A1816S](#) [97-3102A-16S-1S](#) [97-3102A-24-2P](#) [97-3102A-24-7P](#) [97-3102A-24-5P](#) [97-3102A-24-5S](#) [97-3102A-32-414P](#) [97-3102A-32-414S](#) [97-3102A-16-10P](#) [97-3102A-16-10S](#) [97-3102A-14S-5S\(639\)](#) [97-3102A1812SZ621](#) [97-3102A-28-10P](#) [97-3102A-28-10S](#) [97-3102A-14S-6P\(639\)](#) [97-3102A-28-16S](#) [97-3102A-28-15S](#) [97-3102A-28-15P](#) [97-3102A-10SL-4P](#) [97-3102A-14S-6S\(639\)](#) [97-3102A1812S621](#) [97-3102A-18-1P](#) [97-3102A-18-4P](#) [97-3102A-18-4S](#) [97-3102A-32-8S](#) [97-3102A-32-8P](#) [97-3102A-12S-3S](#) [97-3102A-12S-3P](#) [97-3102A2811P](#) [97-3102A-22-27S](#) [97-3102A-14S-5SX](#) [97-3102A-14S-4P](#) [97-3102A-24-22S\(946\)](#) [97-3102A-22-22S\(946\)](#) [97-3102A-12S-3P\(115\)](#) [97-3102A-14S-1P\(621\)](#) [97-3102A-14S-1P\(639\)](#) [97-3102A-14S-1S\(621\)](#) [97-3102A-14S-1S\(624\)](#) [97-3102A-14S-1S\(639\)](#) [97-3102A-14S-2P\(115\)](#) [97-3102A-14S-2P\(621\)](#) [97-3102A-14S-2S\(621\)](#) [97-3102A-14S-4P\(621\)](#) [97-3102A-14S-4P\(639\)](#) [97-3102A-14S-4S](#) [97-3102A-14S-4S\(621\)](#) [97-3102A-14S-4S\(639\)](#) [97-3102A-14S-5P\(621\)](#) [97-3102A-14S-5P\(639\)](#) [97-3102A-14S-5S\(621\)](#) [97-3102A-14S-5S\(624\)](#) [97-3102A-14S-6P\(621\)](#) [97-3102A-14S-6S\(621\)](#) [97-3102A-14S-7P\(621\)](#) [97-3102A-14S-7P\(639\)](#) [97-3102A-14S-7S\(621\)](#) [97-3102A-14S-9P\(621\)](#) [97-3102A-14S-9P\(639\)](#) [97-3102A-14S-9S\(621\)](#) [97-3102A-14S-9S\(639\)](#) [97-3102A-16-12P](#) [97-3102A-16-12S](#) [97-3102A-16-13S](#) [97-3102A-16-7P](#) [97-3102A-16-9P](#) [97-3102A-16S-1P\(621\)](#) [97-3102A-16S-1P\(639\)](#) [97-3102A-16S-1S\(621\)](#)