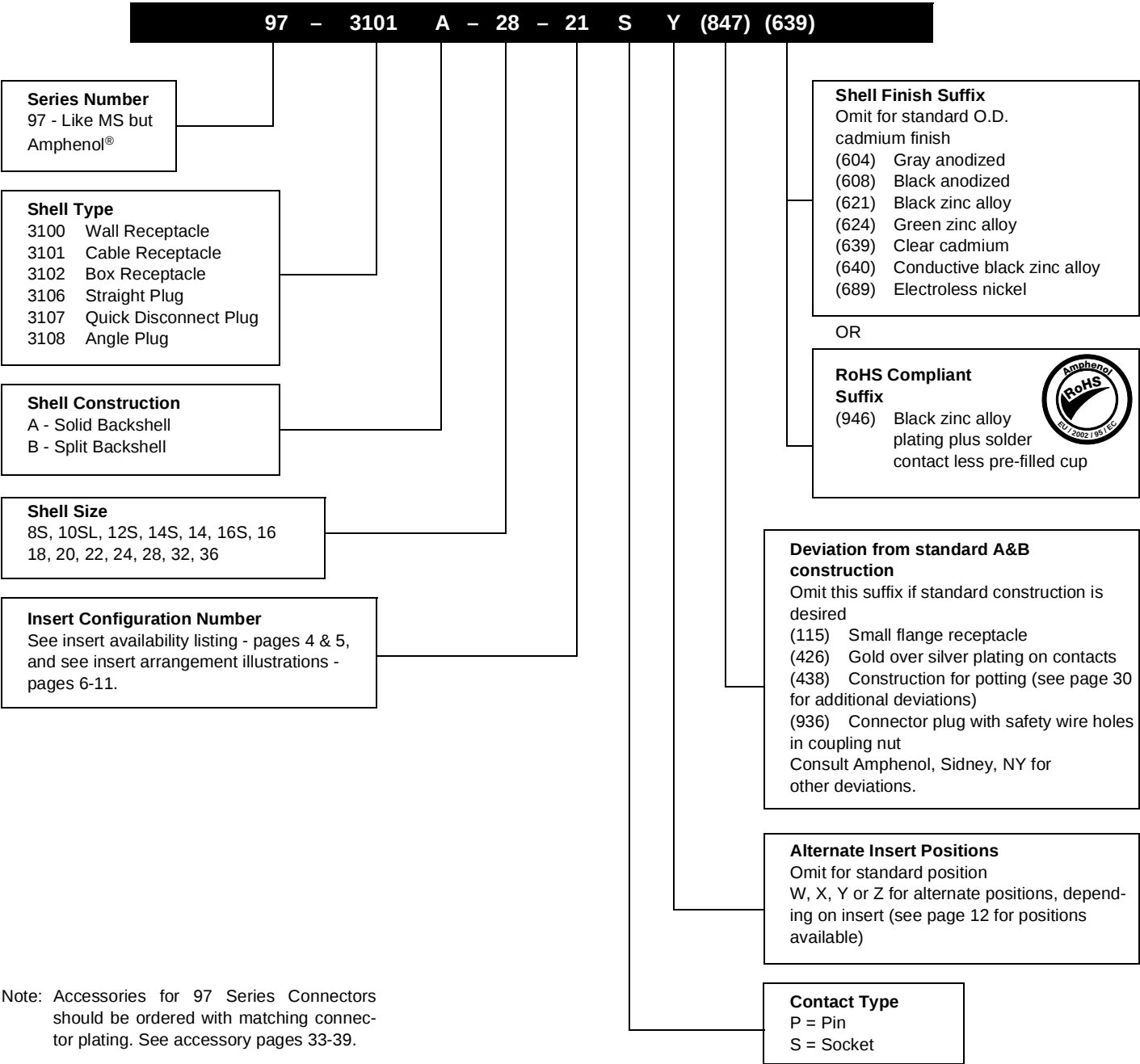


# 97 series solder type

## how to order

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





8/29/89 16:20 \* 89241 14:38 \* PRELSE \* 10-820000/019 0002

D

C

B

A

D

C

B

A

| 4                            |                                |                          | 3             |            |          | 2                           |                  |                   | 1                 |
|------------------------------|--------------------------------|--------------------------|---------------|------------|----------|-----------------------------|------------------|-------------------|-------------------|
| BENDIX<br>ASSEMBLY<br>NUMBER | AMPHENOL<br>ASSEMBLY<br>NUMBER | MS<br>ASSEMBLY<br>NUMBER | A<br>±.031    | B<br>±.005 | C<br>MAX | D<br>DIA.<br>+.010<br>-.005 | E<br>DIA.<br>MAX | F<br>THREAD       | G<br>THREAD       |
| 10-820000-()                 | 97-3100A- 8S -()               | MS3100A- 8S -()          | .875          | .594       | 1.469    | .120                        | .532             | .5000-28 UNEF-2A  | .5000-28 UNEF-2A  |
| 10-820001-()                 | -10S -()                       | -10S -()                 | 1.000         | .719       | 1.531    |                             | .656             | .6250-24 UNEF-2A  | .5000-28 UNEF-2A  |
| 10-820002-()                 | -10SL-()                       | -10SL-()                 | 1.000         | .719       | 1.531    |                             | .784             | .6250-24 UNEF-2A  | .6250-24 UNEF-2A  |
| 10-820003-()                 | -12S -()                       | -12S -()                 | 1.094         | .812       | 1.688    |                             | .782             | .7500-20 UNEF-2A  | .6250-24 UNEF-2A  |
| 10-820004-()                 | -12SL-()                       | -12SL-()                 | NOT AVAILABLE |            |          |                             |                  |                   |                   |
| 10-820005-()                 | -12 -()                        | -12 -()                  | 1.094         | .812       | 2.062    |                             | .782             | .7500-20 UNEF-2A  | .6250-24 UNEF-2A  |
| 10-820006-()                 | -14S -()                       | -14S -()                 | 1.188         | .906       | 1.688    |                             | .906             | .8750-20 UNEF-2A  | .7500-20 UNEF-2A  |
| 10-820007-()                 | -14 -()                        | -14 -()                  | 1.188         | .906       | 2.062    |                             | .906             | .8750-20 UNEF-2A  | .7500-20 UNEF-2A  |
| 10-820008-()                 | -16S -()                       | -16S -()                 | 1.281         | .969       | 1.688    |                             | 1.032            | 1.0000-20 UNEF-2A | .8750-20 UNEF-2A  |
| 10-820009-()                 | -16 -()                        | -16 -()                  | 1.281         | .969       | 2.062    |                             | 1.032            | 1.0000-20 UNEF-2A | .8750-20 UNEF-2A  |
| 10-820010-()                 | -18 -()                        | -18 -()                  | 1.375         | 1.063      | 2.062    |                             | 1.156            | 1.1250-18 UNEF-2A | 1.0000-20 UNEF-2A |
| 10-820011-()                 | -20 -()                        | -20 -()                  | 1.500         | 1.156      | 2.188    |                             | 1.282            | 1.2500-18 UNEF-2A | 1.1875-18 UNEF-2A |
| 10-820012-()                 | -22 -()                        | -22 -()                  | 1.625         | 1.250      | 2.188    |                             | 1.406            | 1.3750-18 UNEF-2A | 1.1875-18 UNEF-2A |
| 10-820013-()                 | -24 -()                        | -24 -()                  | 1.750         | 1.375      | 2.312    | .147                        | 1.532            | 1.5000-18 UNEF-2A | 1.4375-18 UNEF-2A |
| 10-820014-()                 | -28 -()                        | -28 -()                  | 2.000         | 1.563      | 2.312    | .147                        | 1.782            | 1.7500-18 UNEF-2A | 1.4375-18 UNEF-2A |
| 10-820015-()                 | -32 -()                        | -32 -()                  | 2.250         | 1.750      | 2.438    | .173                        | 2.032            | 2.0000-18 UNEF-2A | 1.7500-18 UNEF-2A |
| 10-820016-()                 | -36 -()                        | -36 -()                  | 2.500         | 1.938      | 2.438    |                             | 2.282            | 2.2500-16 UNEF-2A | 2.0000-18 UNEF-2A |
| 10-820017-()                 | -40 -()                        | -40 -()                  | 2.750         | 2.188      | 2.438    |                             | 2.532            | 2.5000-16 UN-2A   | 2.2500-16 UNEF-2A |
| 10-820018-()                 | -44 -()                        | -44 -()                  | NOT AVAILABLE |            |          |                             |                  |                   |                   |
| 10-820019-()                 | -48 -()                        | -48 -()                  | NOT AVAILABLE |            |          |                             |                  |                   |                   |

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

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 ALL OTHER~~ INSERT ARRANGEMENT SUFFIX  
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.

SIZE C 77820 10-820000/019

SCALE

WT.

REF

SHEET 2

REV. E

COMPUTER GENERATED DRAWING

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TAB.

97-3100A

# Mouser Electronics

Authorized Distributor

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

## Amphenol:

[97-3100A-24-5S](#) [97-3101A-22-19P](#) [97-3101A-18-1S](#) [97-3101A-18-19P](#) [97-3101A-10SL-4P](#) [97-3101A-24-2P](#) [97-3101A-24-2S](#) [97-3100A-24-2P](#) [97-3100A-24-2S](#) [97-3101A-24-7P](#) [97-3101A-24-7S](#) [97-3100A-24-7P](#) [97-3100A-24-7S](#)  
[97-3101A-24-5S](#) [97-3101A-24-5P](#) [97-3100A-24-5P](#) [97-3101A-20-16P](#) [97-3101A-20-15P](#) [97-3101A-20-15S](#) [97-3101A-22-19S](#) [97-3101A-22-14S](#) [97-3101A-22-14P](#) [97-3101A-16-10P](#) [97-3101A-16-10S](#) [97-3100A-16-10S](#) [97-3100A-16-10P](#) [97-3100A-22-14P](#) [97-3100A-22-14S](#) [97-3100A-22-19S](#) [97-3100A-22-19P](#) [97-3101A1819S621](#) [97-3101A-28-21S](#) [97-3101A-28-21P](#) [97-3100A-28-21P](#) [97-3100A-28-21S](#) [97-3100A-18-1S](#) [97-3100A-18-1P](#) [97-3101A-18-1P](#) [97-3101A-18-4S](#) [97-3101A-18-4P](#) [97-3100A-18-8S](#) [97-3100A-18-8P](#) [97-3100A-18-4S](#) [97-3100A-18-4P](#) [97-3101A-28-10S](#) [97-3101A-28-10P](#) [97-3101A-12S-3P](#) [97-3101A-12S-3S](#) [97-3101A-28-16P](#) [97-3101A-28-16S](#) [97-3101A-28-15P](#) [97-3101A-28-15S](#) [97-3101A-28-11S](#) [97-3101A-28-11P](#) [97-3100A-12S-3P](#) [97-3100A-12S-3S](#) [97-3100A-28-15P](#) [97-3100A-28-11P](#) [97-3100A-28-11S](#) [97-3100A-28-16S](#) [97-3100A-28-10P](#) [97-3100A-28-10S](#) [97-3101A-32-414S](#) [97-3101A-32-414P](#) [97-3101A-18-8P](#) [97-3101A-18-8S](#) [97-3100A-16S-8S](#) [97-3100A-16S-1P](#) [97-3100A-16S-1S](#) [97-3101A-16S-8S](#) [97-3101A-16S-8P](#) [97-3101A-16S-1P](#) [97-3101A-16S-1S](#) [97-3100A-32-8S](#) [97-3100A-32-8P](#) [97-3101A-32-8P](#) [97-3101A-32-8S](#) [97-3100A-14S-2S](#) [97-3101A-14S-6S](#) [97-3100A-14S-2P](#) [97-3101A-14S-6P](#) [97-3100A-14S-6S](#) [97-3100A-14S-6P](#) [97-3100A-14S-5S](#) [97-3100A-14S-5P](#) [97-3101A-14S-5P](#) [97-3100A-14S-1P](#) [97-3100A-14S-1S](#) [97-3101A-14S-5S](#) [97-3101A-20-4S](#) [97-3101A-18-29S](#) [97-3101A-18-29P](#) [97-3101A-18-22S](#) [97-3100A-20-33S](#) [97-3100A-32-6P](#) [97-3100A-32-6S](#) [97-3100A-36-10S](#) [97-3100A-14S-1P\(639\)](#) [97-3100A-14S-4P](#) [97-3100A-14S-4P\(639\)](#)