

97 series solder type

how to order

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



8/29/89 16:20 • 89241 14:56 • PRELISE • 10-820000/019 C00

4321

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	APPROVED
	C	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	m.n.
	D	(CLII) SEE ECN 27048	6-21-93 RSP	J.B.
	E	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617700-XX3 (NO SLOT) ECN:90078	11-17-04 DEMATTEO	JED

A

B

A

B

1

2

3

4

5

6

F

G

STAMP MS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.
DATE CODE PER 9-3895.

6	SEE NOTE 1	SEE NOTE 1	BACK SHELL
5			RING, RETAINING
4			INSERT, REAR
3			INSERT, FRONT
2			CONTACTS
1			SHELL

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.=

SEE SHEET 2.

NOTES:

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N/A

N/A

NEXT ASSEMBLY

COMPUTER GENERATED DRAWING.

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01250

TAB.

SPECIFICATIONS

MATERIAL SPEC.

N/A

PROCESS SPEC.

9-2437-33

9-3895

SIGNATURES

PREPARED
A.PRESCOTT

CHECKED
PHILPOTT

MATERIAL

APPROVED
BERNHARDT

APPROVED
HAYNER

1ST PART NO.

DATES

11/6/87

11/17/87

11/17/87

11/17/87

AMPHENOL CORPORATION
BENDIX CONNECTOR OPERATIONS
SIDNEY, N.Y.

CONNECTOR, ELECTRICAL RECEPTACLE,
TYPE 97-3100A,
OLIVE DRAB CADMIUM PLATED

SIZE

FSCM NO.

C 77820

10-820000/019

SCALE

NONE

WT.

REF

N/A

SHEET

1 OF 2

REV.

E

4

BENDIX
ASSEMBLY
NUMBER

3

A
±.031

B
±.005

C
MAX

D
DIA.
+.010
-.005

E
DIA.
MAX

2

F
THREAD

G
THREAD

1

BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A ±.031	B ±.005	C MAX	D DIA. +.010 -.005	E DIA. MAX	F THREAD	G 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.

6

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:

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SIZE
C

FSCM NO.
77820

REV.
E

10-820000/019

SCALE

WT.

REF

SHEET
2

COMPUTER GENERATED DRAWING

IMAGED / Nov 18 2004 02:46 PM

TAB.

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\(639\)](#)