

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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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**

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

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.

SPECIFICATIONS	SIGNATURES	DATES	AMPHENOL CORPORATION BENDIX CONNECTOR OPERATIONS SIDNEY, N.Y.	
MATERIAL SPEC. N/A	PREPARED A. PRESCOTT CHECKED R. PHILPOTT MATERIAL	11/6/87 11/8/87	CONNECTOR, ELECTRICAL RECEPTACLE TYPE 97-3102A, OLIVE DRAB CADMIUM PLATED	
PROCESS SPEC. 9-2437-33	APPROVED J. BERNHARDT APPROVED N. HAYNER 1ST PART NO.	11/10/87 11/10/87		
10-820050-01P				

SIZE	FSCM NO.	SCALE	WT.	REF	SHEET	REV.
C	77820	NONE		N/A	1 OF 2	H

10-820040/059

TAB.

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

D

C

B

A

D

C

97-3102A

B

SCANNED

A

BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A	B	C	D DIA.	E DIA.	F THREAD
10-820040-()	97-3102A- 8S -()	MS3102A- 8S -()	.875	.594	.938	.120	.438	.5000-28 UNEF-2A
10-820041-()	-10S -()	-10S -()	1.000	.719	.938		.500	.6250-24 UNEF-2A
10-820042-()	-10SL-()	-10SL-()	1.000	.719	.938		.688	.6250-24 UNEF-2A
10-820043-()	-12S -()	-12S -()	1.094	.812	.961		.688	.7500-20 UNEF-2A
10-820044-()	-12SL-()	-12SL-()	1.094	.812	.875		.688	.7500-20 UNEF-2A
10-820045-()	-12 -()	-12 -()	1.094	.812	1.322		.688	.7500-20 UNEF-2A
10-820046-()	-14S -()	-14S -()	1.188	.906	.944		.750	.8750-20 UNEF-2A
10-820047-()	-14 -()	-14 -()	1.188	.906	1.322		.750	.8750-20 UNEF-2A
10-820048-()	-16S -()	-16S -()	1.281	.969	.944		.875	1.0000-20 UNEF-2A
10-820049-()	-16 -()	-16 -()	1.281	.969	1.353		.875	1.0000-20 UNEF-2A
10-820050-()	-18 -()	-18 -()	1.375	1.063	1.353		1.000	1.1250-18 UNEF-2A
10-820051-()	-20 -()	-20 -()	1.500	1.156	1.353		1.125	1.2500-18 UNEF-2A
10-820052-()	-22 -()	-22 -()	1.625	1.250	1.353		2.250	1.3750-18 UNEF-2A
10-820053-()	-24 -()	-24 -()	1.750	1.375	1.353	.147	1.375	1.5000-18 UNEF-2A
10-820054-()	-28 -()	-28 -()	2.000	1.563	1.353	.147	1.625	1.7500-18 UNEF-2A
10-820055-()	-32 -()	-32 -()	2.250	1.750	1.447	.173	1.906	2.0000-18 UNEF-2A
10-820056-()	-36 -()	-36 -()	2.500	1.938	1.447		2.125	2.2500-16 UN-2A
10-820057-()	-40 -()	-40 -()	2.750	2.188	1.447		2.375	2.5000-16 UN-2A
10-820058-()	-44 -()	-44 -()	NOT AVAILABLE					
10-820059-()	-48 -()	-48 -()	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	FSCM NO.	REV.
C	77820	10-820040/059
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\(621\)](#)