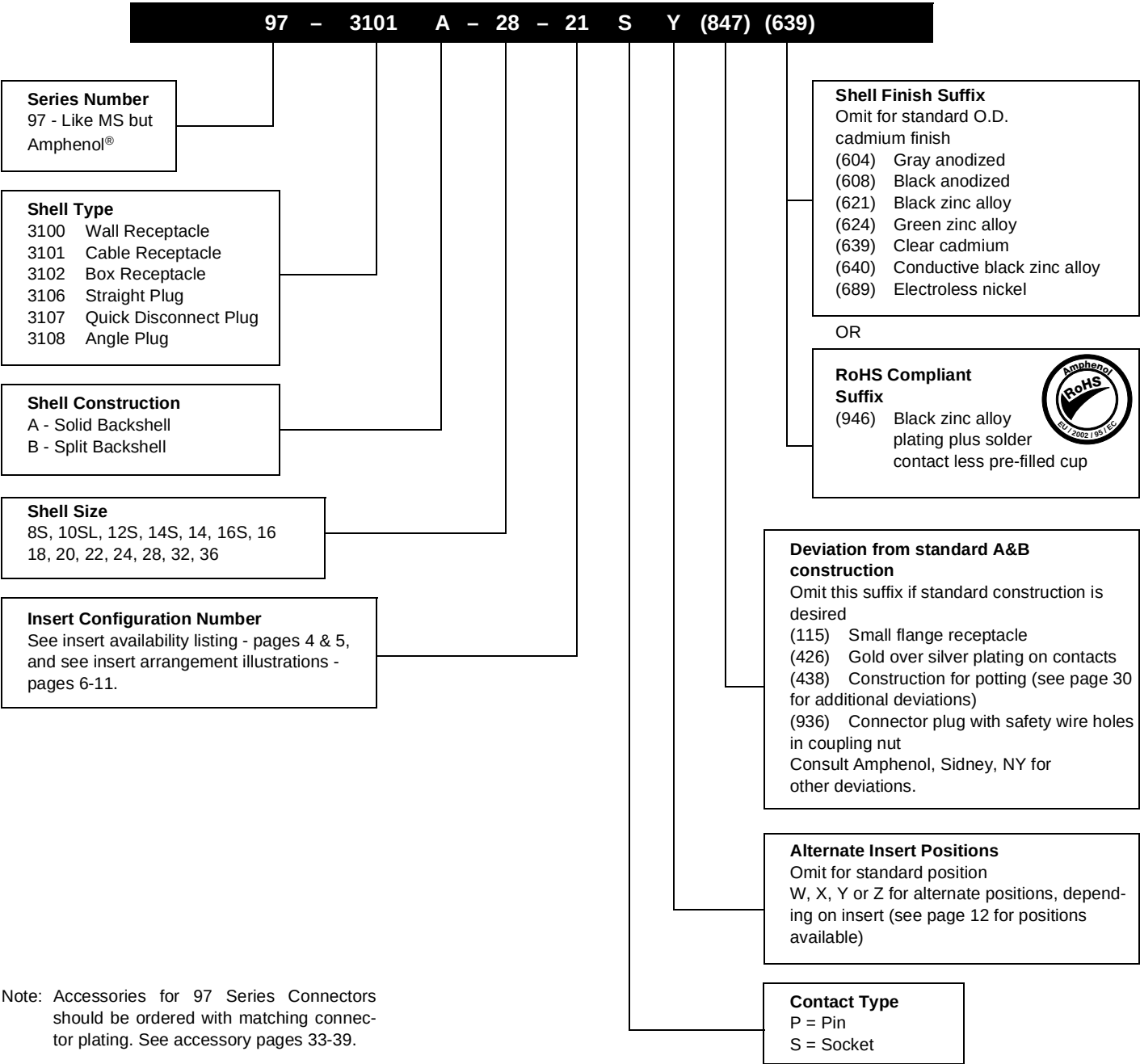


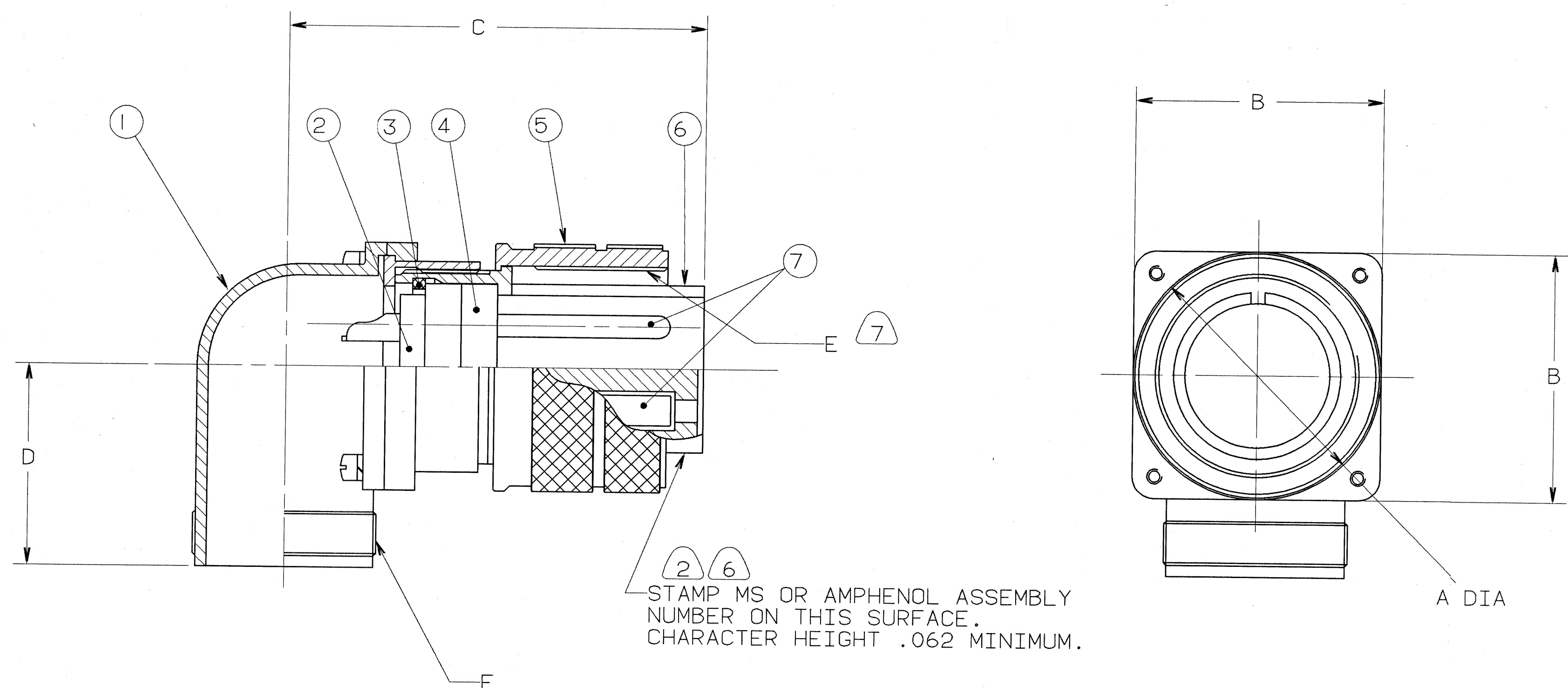
97 series solder type

how to order

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



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 8 ECN:22391	08/29/89 BURNSIDE	m.n. J.B.
	D	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617702-XX3 (NO SLOT) ECN: 90048	11-18-04 DEMATTEO	ged



SEE SHEET 2.
NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.
HOWEVER, DOCUMENTS REFERENCED HEREON
MAY CONTAIN LIMITED RIGHTS DATA.

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.=

7	SEE NOTE		SEE NOTE 1	CONTACTS	
6				SHELL	
5				RING, COUPLING	7
4				INSERT, FRONT	
3				RING, RETAINING	
2				INSERT, REAR	
1				HOUSING ASSEMBLY	
FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
PARTS LIST					
SPECIFICATIONS		SIGNATURES		DATES	
MATERIAL SPEC.		PREPARED A.PRESCOTT		11/03/87	
N/A		CHECKED PHILPOTT		11/12/87	
		MATERIAL			
PROCESS SPEC.		APPROVED BERNHARDT		11/13/87	
9-2437-33		APPROVED HAYNER		11/17/87	
		1ST PART NO.			
		10-820102-035			
		AMPHENOL CORPORATION BENDIX CONNECTOR OPERATIONS SIDNEY, N.Y.		U	
		CONNECTOR, ELECTRICAL PLUG, TYPE 97-3108A, OLIVE DRAB CADMIUM PLATE.			
		SIZE	FSCM NO.	REV.	
		C 77820	10-820100/119	D	
		SCALE	WT.	REF.	
		NONE		N/A	
		SHEET		1 OF 2	

4		3		2		1		
BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A DIA.	B	C	D	E THREAD	F THREAD
10-820100-()	97-3108A- 8S -()	MS3108A- 8S -()	.750	.781	1.250	.875	.5000-28 UNEF-2B	.5000-28 UNEF-2A
1-()	-10S -()	-10S -()	.875	.781	1.250	.875	.6250-24 UNEF-2B	.5000-28 UNEF-2A
2-()	-10SL-()	-10SL-()	.875	1.063	1.312	1.000	.6250-24 UNEF-2B	.6250-24 UNEF-2A
3-()	-12S -()	-12S -()	1.000	1.063	1.375	1.000	.7500-20 UNEF-2B	.6250-24 UNEF-2A
4-()	-12SL-()	-12SL-()	1.000	1.063	1.375	1.000	.7500-20 UNEF-2B	.7500-20 UNEF-2A
5-()	-12 -()	-12 -()	1.000	1.063	1.203	1.000	.7500-20 UNEF-2B	.6250-24 UNEF-2A
6-()	-14S -()	-14S -()	1.125	1.063	1.375	1.000	.8750-20 UNEF-2B	.7500-20 UNEF-2A
7-()	-14 -()	-14 -()	1.125	1.063	1.812	1.000	.8750-20 UNEF-2B	.7500-20 UNEF-2A
8-()	-16S -()	-16S -()	1.250	1.312	1.500	1.125	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
9-()	-16 -()	-16 -()	1.250	1.312	1.938	1.125	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
10-820110-()	-18 -()	-18 -()	1.344	1.312	1.938	1.125	1.1250-18 UNEF-2B	1.0000-20 UNEF-2A
1-()	-20 -()	-20 -()	1.469	1.625	2.063	1.312	1.2500-18 UNEF-2B	1.1875-18 UNEF-2A
2-()	-22 -()	-22 -()	1.594	1.625	2.063	1.312	1.3750-18 UNEF-2B	1.1875-18 UNEF-2A
3-()	-24 -()	-24 -()	1.719	2.000	2.469	1.500	1.5000-18 UNEF-2B	1.4375-18 UNEF-2A
4-()	-28 -()	-28 -()	1.969	2.000	2.469	1.500	1.7500-18 UNEF-2B	1.4375-18 UNEF-2A
5-()	-32 -()	-32 -()	NOT AVAILABLE					
6-()	-36 -()	-36 -()						
7-()	-40 -()	-40 -()						
8-()	-44 -()	-44 -()						
9-()	-48 -()	-48 -()						

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

6

8. IDENTIFY PACKAGE WITH APPLICABLE MS OR 97- PART NUMBER PER NOTE 6.

7. APPLY LUBRICANT 9-7568 TO THREADS OF COUPLING RING.

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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COMPUTER GENERATED DRAWING

SIZE

FSCM NO.

REV.

C

77820

10-820100/119

SCALE

WT.

REF

SHEET

2

8/29/99 16:23 * 89241 15:23 * PRELSE * 10-820100/119 C002

97-3108A

IMAGED Nov 22 2004 02:49 PM

TAB.