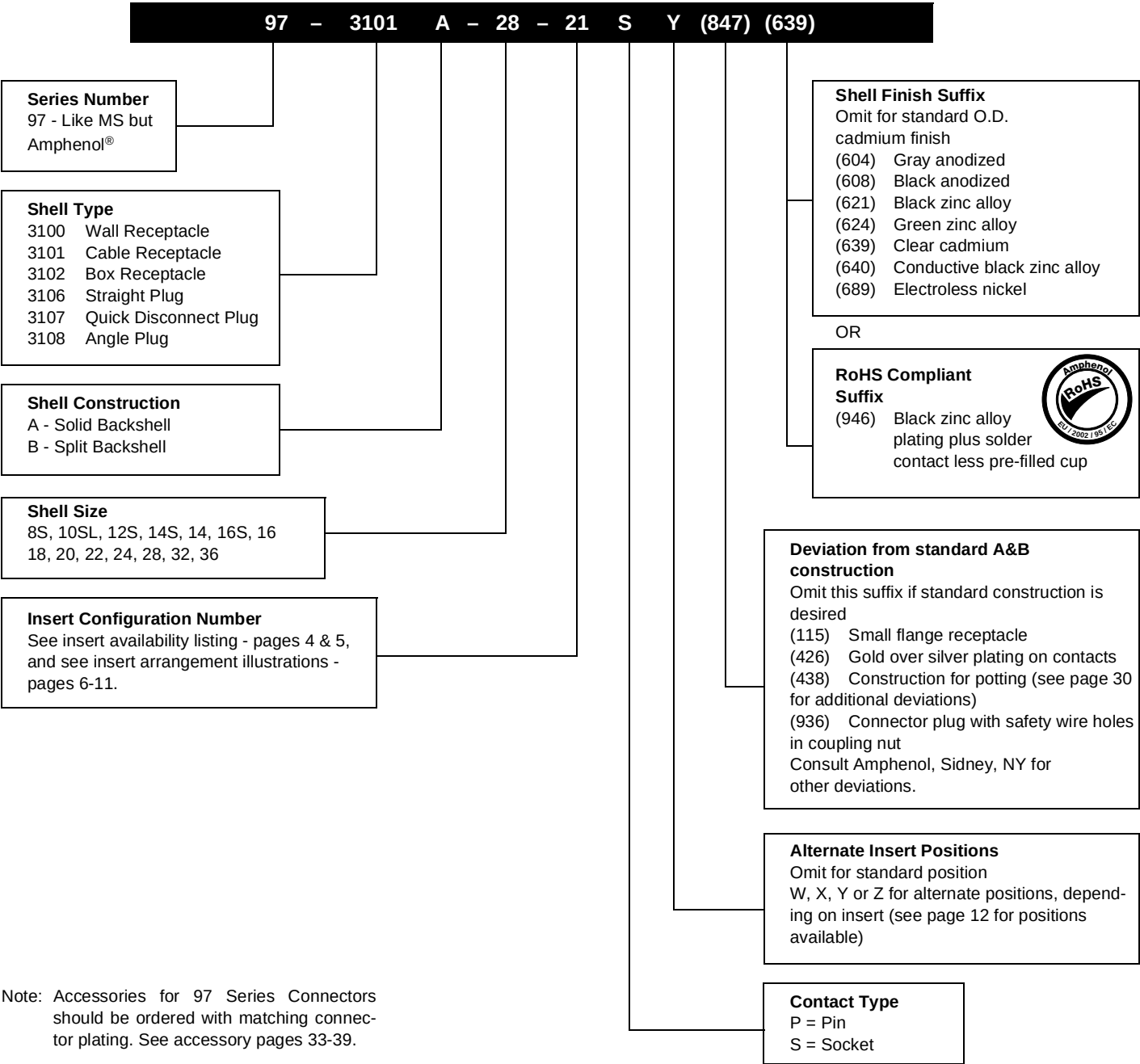


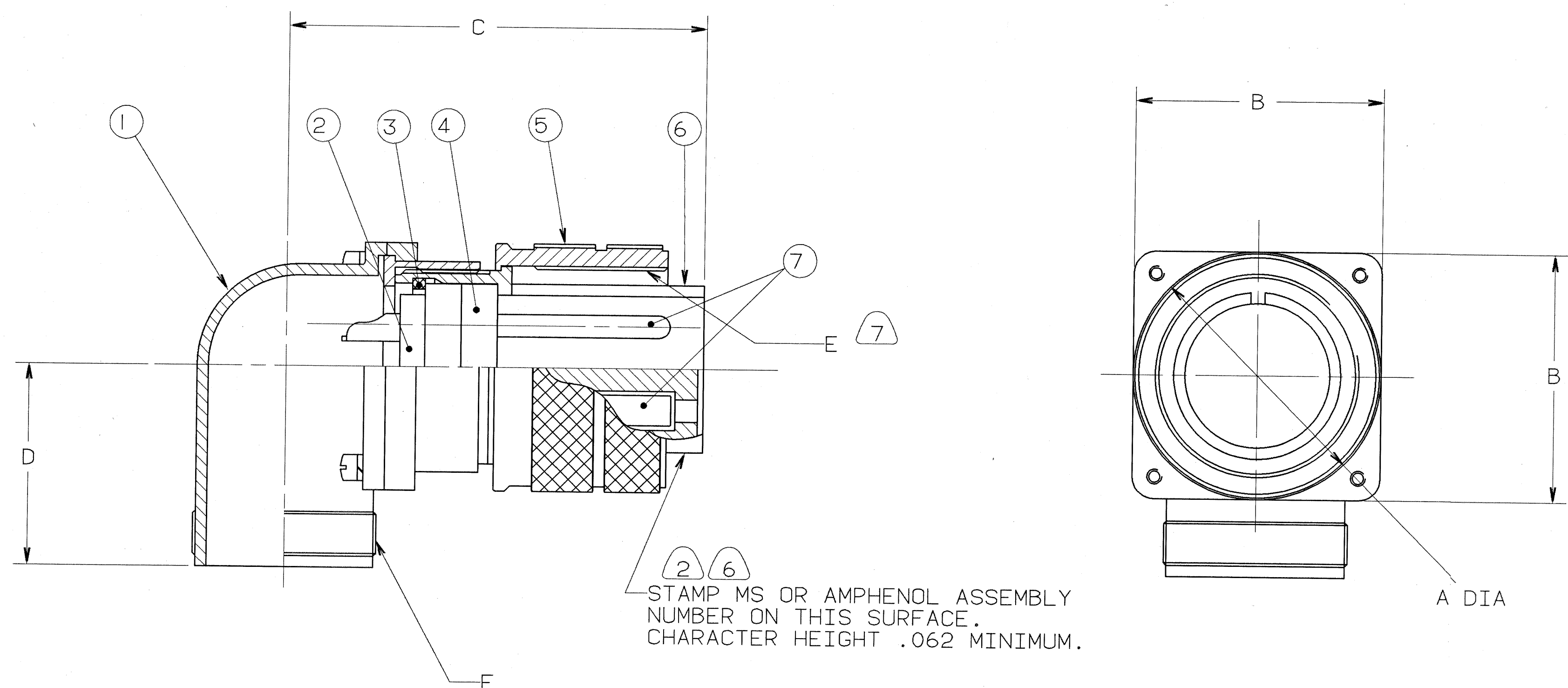
97 series solder type

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:

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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. =

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	AMPHENOL CORPORATION		
MATERIAL SPEC.	PREPARED A. PRESCOTT	11/03/87	BENDIX CONNECTOR OPERATIONS		
N/A	CHECKED PHILPOTT	11/12/87	SIDNEY, N.Y.		
	MATERIAL		CONNECTOR, ELECTRICAL PLUG,		
	APPROVED BERNHARDT	11/13/87	TYPE 97-3108A,		
PROCESS SPEC.	APPROVED HAYNER	11/17/87	OLIVE DRAB CADMIUM PLATE.		
9-2437-33	1ST PART NO.				
	10-820102-03S		SIZE C	FSCM NO. 77820	REV. D
			SCALE NONE	WT.	REF. N/A

10-820100/119	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.

NOTES:

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COMPUTER GENERATED DRAWING

SIZE C

FSCM NO. 77820

REV. D

SCALE

WT.

REF.

SHEET 2

TAB.

10-820100/119

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Mouser Electronics

Authorized Distributor

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

Amphenol:

[97-3108A-24-7S](#) [97-3108A-24-2S](#) [97-3108A-24-2P](#) [97-3108A-24-7P](#) [97-3108A-24-5S](#) [97-3108A-24-5P](#) [97-3108A-16-10S](#) [97-3108A-16-10P](#) [97-3108A-22-19S](#) [97-3108A-22-19P](#) [97-3108A-22-14P](#) [97-3108A-22-14S](#) [97-3108A-28-21P](#) [97-3108A-28-21S](#) [97-3108A-18-1P](#) [97-3108A-18-1S](#) [97-3108A-18-8P](#) [97-3108A-18-8S](#) [97-3108A-18-4P](#) [97-3108A-18-4S](#) [97-3108A-12S-3S](#) [97-3108A-12S-3P](#) [97-3108A-28-10P](#) [97-3108A-28-10S](#) [97-3108A-28-16S](#) [97-3108A-28-16P](#) [97-3108A-28-15P](#) [97-3108A-28-15S](#) [97-3108A-28-11P](#) [97-3108A-28-11S](#) [97-3108A-16S-1P](#) [97-3108A-16S-1S](#) [97-3108A-16S-8P](#) [97-3108A-16S-8S](#) [97-3108A-22-2S](#) [97-3108A-12SL-844S](#) [97-3108A-22-34P\(946\)](#) [97-3108A-18-11S](#) [97-3108A-18-11P](#) [97-3108A-18-19P](#) [97-3108A-18-19S](#) [97-3108A-18-10S](#) [97-3108A-18-10P](#) [97-3108A-18-12S](#) [97-3108A-18-12P](#) [97-3108A-18-16P](#) [97-3108A-18-16S](#) [97-3108A-14S-7S](#) [97-3108A-14S-7P](#) [97-3108A-14S-1P](#) [97-3108A-14S-1S](#) [97-3108A-14S-5S](#) [97-3108A-14S-5P](#) [97-3108A-14S-2S](#) [97-3108A-14S-2P](#) [97-3108A-14S-6S](#) [97-3108A-14S-6P](#) [97-3108A-24-28P](#) [97-3108A-24-28S](#) [97-3108A-20-7P](#) [97-3108A-20-7S](#) [97-3108A-20-4P](#) [97-3108A-20-4S](#) [97-3108A-24-11S](#) [97-3108A-24-11P](#) [97-3108A-20-29S](#) [97-3108A-20-29P](#) [97-3108A-20-27S](#) [97-3108A-20-27P](#) [97-3108A-20-15P](#) [97-3108A-20-16S](#) [97-3108A-20-16P](#) [97-3108A-22-22S](#) [97-3108A-14S-4P](#) [97-3108A-14S-4S](#) [97-3108A-14S-9P](#) [97-3108A-14S-9S](#) [97-3108A-16-11P](#) [97-3108A-16-11S](#) [97-3108A-16-12P](#) [97-3108A-16-12S](#) [97-3108A-16-7P](#) [97-3108A-16-7S](#) [97-3108A-16-9P](#) [97-3108A-16-9S](#) [97-3108A-16S-4P](#) [97-3108A-16S-4S](#) [97-3108A-16S-5P](#) [97-3108A-16S-5S](#) [97-3108A-16S-6P](#) [97-3108A-16S-6S](#) [97-3108A-18-10P\(621\)](#) [97-3108A-18-10P\(639\)](#) [97-3108A-18-10S\(621\)](#) [97-3108A-18-10S\(639\)](#) [97-3108A-18-11P\(621\)](#) [97-3108A-18-11P\(639\)](#) [97-3108A-18-11S\(621\)](#) [97-3108A-18-11S\(639\)](#) [97-3108A-18-12P\(621\)](#)