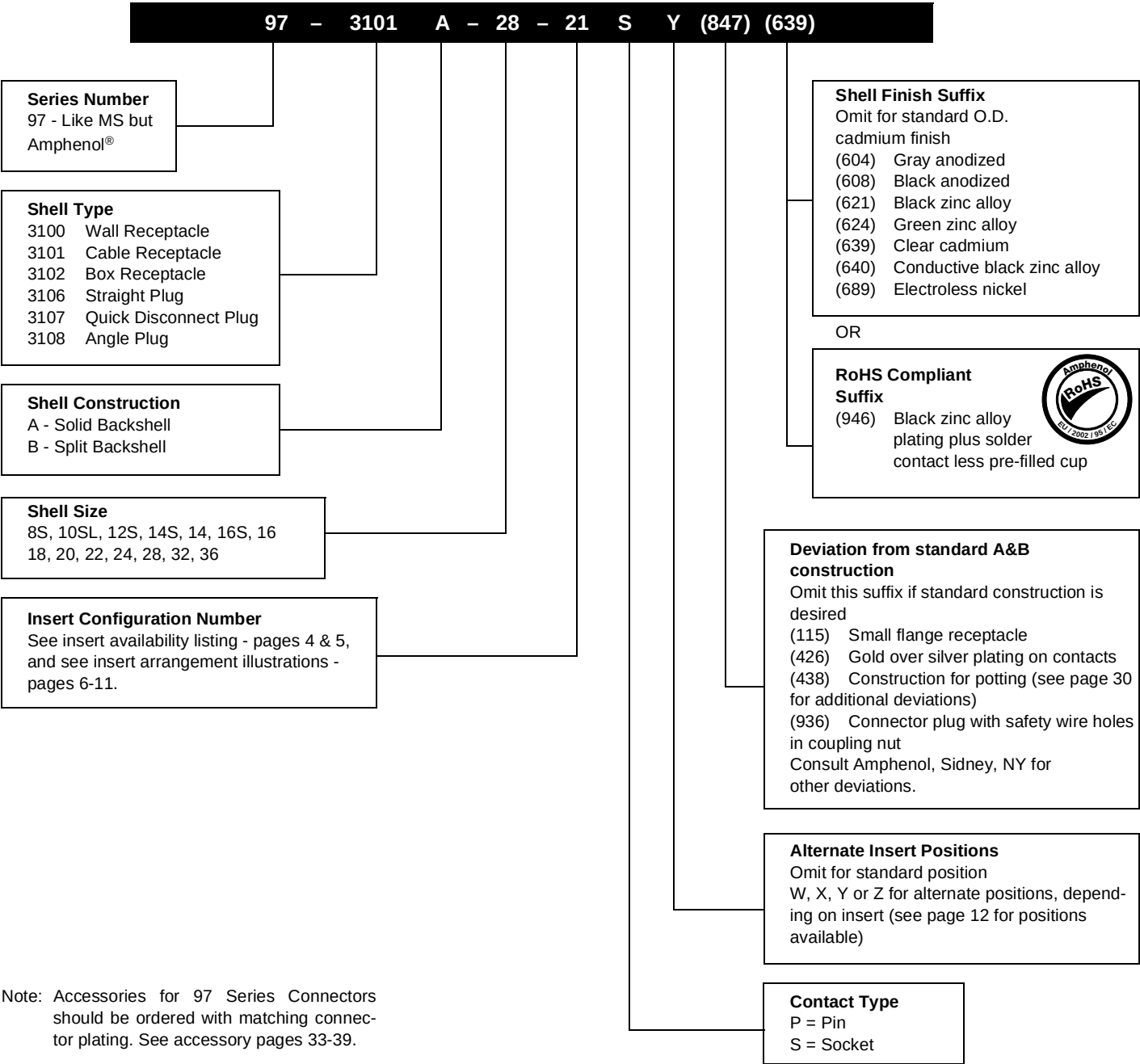


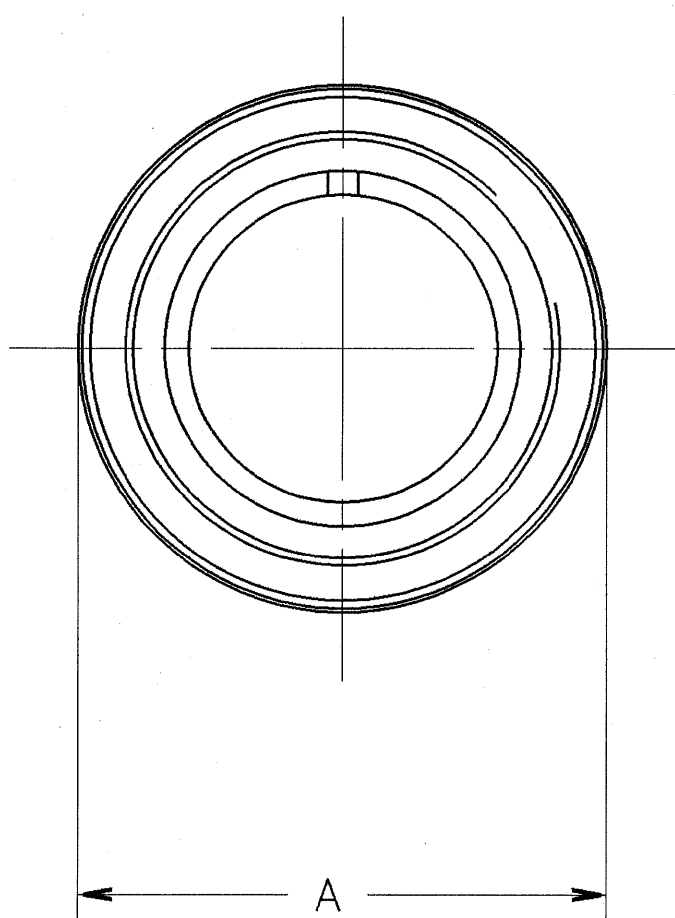
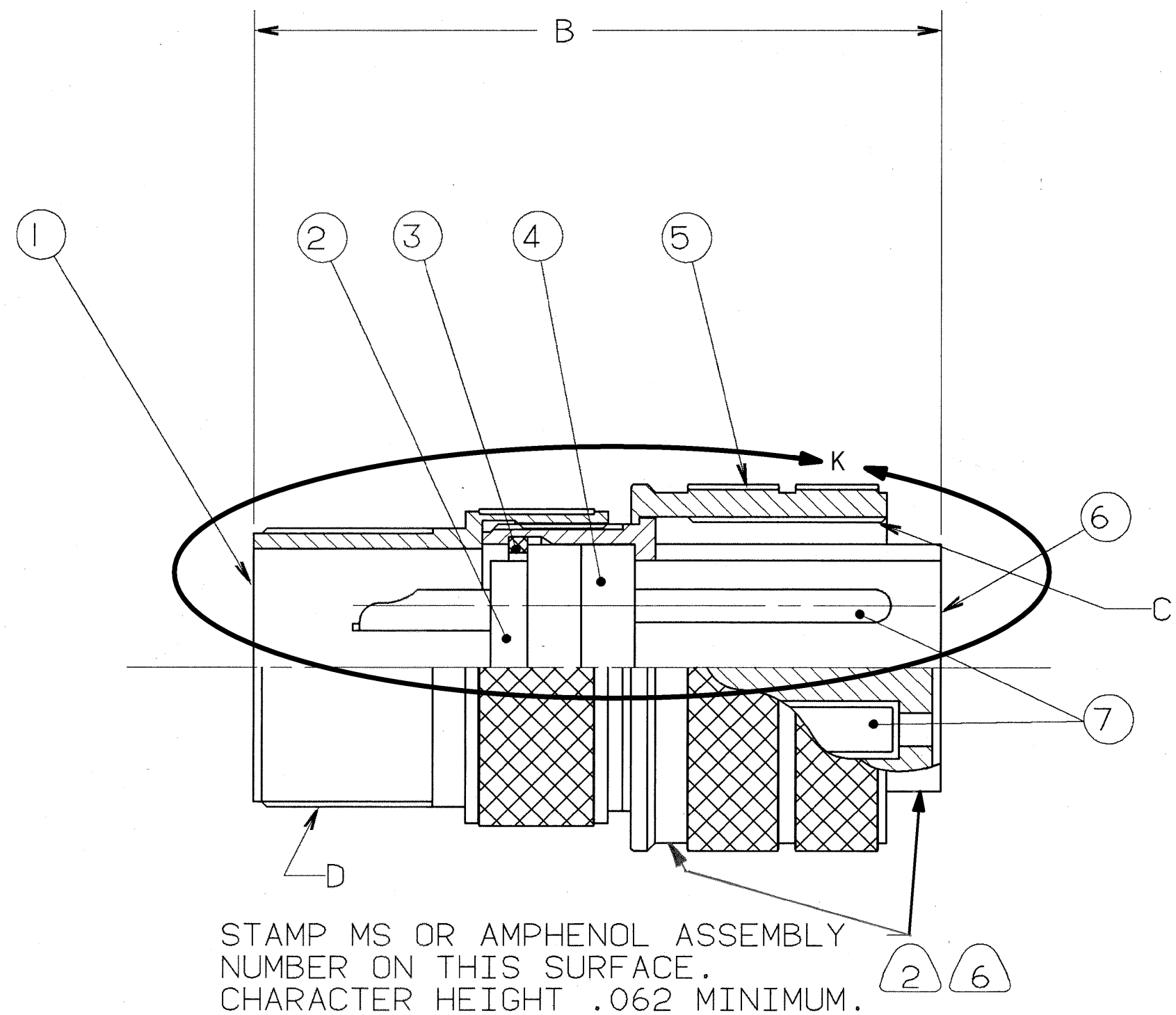
97 series solder type

how to order

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



REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	C	(CLII) ADDED NOTE 7 ECN:22391	08/29/89 BURNSIDE	J.B. m.n.
	D	(CL II) RELOC STAMPING NOTE ECN:26372	7/17/91 PRESCOTT	DM
	E	(CLII) CHANGE BLOCK CHANGE ONLY WAS SHELL 10-617702-XX3 (NO SLOT) ECN:90058	11-17-04 DEWATTE	J.C.
	F	(CL II) SEE CHANGE NOTICE ECN: A5986	4-20-09	H.BROOKER



STAMP MS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.

9	1		10-825966-062	RING RETAINING, CPL (12SL ONLY)	
8	1		10-824853-014	RING RETAINING, CPL (10SL ONLY)	
7	SEE NOTE		SEE NOTE 1	CONTACTS	
6				SHELL	
5				RING, COUPLING	
4				INSERT, FRONT	
3				RING RETAINER	
2				INSERT, REAR	
1				BACK SHELL	

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER		DESCRIPTION		NOTE REF.
PARTS LIST							
SPECIFICATIONS		SIGNATURES		DATES	AMPHENOL CORPORATION BENDIX CONNECTOR OPERATIONS SIDNEY, N.Y.		
MATERIAL SPEC.		PREPARED	A. PRESCOTT	11/6/87	CONNECTOR, ELECTRICAL PLUG, TYPE 97-3106A, OLIVE DRAB CADMIUM PLATED		
N/A		CHECKED	PHILPOTT	11/09/87			
		MATERIAL					
PROCESS SPEC.		APPROVED	BERNHARDT	11/10/87	SIZE FSCM NO. 10-820060/079		
9-2437-33		APPROVED	HAYNER	11/10/87			
		IST PART NO.					
		SF-820071-06P					
		SCALE		NONE	WT.	REF.	N/A
		SHEET		1	OF		2

SEE SHEET 2.

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.
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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. =

0000000000 |

01250

TAB.

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TAB.

4

3

2

1

BENDIX ASSEMBLY NUMBER	AMPHENOL ASSEMBLY NUMBER	MS ASSEMBLY NUMBER	A DIA.	B	C THREAD	D THREAD
10-820060-()	97-3106A- 8S -()	MS 3106A- 8S -()	.750	1.250	.5000-28 UNEF-2B	.5000-28 UNEF-2A
10-820061-()	-10S -()	-10S -()	.875	1.312	.6250-24 UNEF-2B	.5000-28 UNEF-2A
10-820062-()	-10SL-()	-10SL-()	.875	1.375	.6250-24 UNEF-2B	.6250-24 UNEF-2A
10-820063-()	-12S -()	-12S -()	1.000	1.438	.7500-20 UNEF-2B	.6250-24 UNEF-2A
10-820064-()	-12SL-()	-12SL-()	1.000	1.484	.7500-20 UNEF-2B	.7500-20 UNEF-2A
10-820065-()	-12 -()	-12 -()	1.000	1.875	.7500-20 UNEF-2B	.6250-24 UNEF-2A
10-820066-()	-14S -()	-14S -()	1.125	1.438	.8750-20 UNEF-2B	.7500-20 UNEF-2A
10-820067-()	-14 -()	-14 -()	1.125	1.875	.8750-20 UNEF-2B	.7500-20 UNEF-2A
10-820068-()	-16S -()	-16S -()	1.250	1.453	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
10-820069-()	-16 -()	-16 -()	1.250	1.891	1.0000-20 UNEF-2B	.8750-20 UNEF-2A
10-820070-()	-18 -()	-18 -()	1.344	2.000	1.1250-18 UNEF-2B	1.0000-20 UNEF-2A
10-820071-()	-20 -()	-20 -()	1.469	2.125	1.2500-18 UNEF-2B	1.1875-18 UNEF-2A
10-820072-()	-22 -()	-22 -()	1.594	2.125	1.3750-18 UNEF-2B	1.1875-18 UNEF-2A
10-820073-()	-24 -()	-24 -()	1.719	2.250	1.5000-18 UNEF-2B	1.4375-18 UNEF-2A
10-820074-()	-28 -()	-28 -()	1.969	2.250	1.7500-18 UNEF-2B	1.4375-18 UNEF-2A
10-820075-()	-32 -()	-32 -()	2.219	2.375	2.0000-18 UNEF-2B	1.7500-18 UNEF-2A
10-820076-()	-36 -()	-36 -()	2.469	2.375	2.2500-16 UN-2B	2.0000-18 UNEF-2A
10-820077-()	-40 -()	-40 -()	2.719	2.375	2.5000-16 UN-2B	2.2500-16 UN-2A
10-820078-()	-44 -()	-44 -()	NOT AVAILABLE			
10-820079-()	-48 -()	-48 -()	NOT AVAILABLE			

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

6

FORM OVER

VIEW K

BACK SHELL REMOVED

SIZE 10SL ONLY

FORM OVER

VIEW K

BACK SHELL REMOVED

SIZE 12SL ONLY

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.

NOTES:

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SIZE

FSCM NO.

10-820060/079

REV.

F

SCALE

WT.

REF.

SHEET

2

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TAB.

Mouser Electronics

Authorized Distributor

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

Amphenol:

[97-3106A10SL-3S](#) [97-3106A10SL-4S](#) [97-3106A12S3P](#) [97-3106A12S3S](#) [97-3106A14S1P](#) [97-3106A14S1S](#) [97-3106A14S2P](#) [97-3106A14S2S](#) [97-3106A14S5P](#) [97-3106A14S5S](#) [97-3106A14S6S](#) [97-3106A16S1S](#) [97-3106A16S8P](#) [97-3106A16S8S](#) [97-3106A1810P](#) [97-3106A1810S](#) [97-3106A1811P](#) [97-3106A1811S](#) [97-3106A1812P](#) [97-3106A1812S](#) [97-3106A1819P](#) [97-3106A1819S](#) [97-3106A181P](#) [97-3106A181S](#) [97-3106A184P](#) [97-3106A185P](#) [97-3106A185S](#) [97-3106A188P](#) [97-3106A188S](#) [97-3106A2015P](#) [97-3106A2015S](#) [97-3106A2016P](#) [97-3106A2016S](#) [97-3106A2027P](#) [97-3106A2027S](#) [97-3106A2029P](#) [97-3106A2029S](#) [97-3106A204S](#) [97-3106A207P](#) [97-3106A207S](#) [97-3106A2214P](#) [97-3106A2214S](#) [97-3106A2219P](#) [97-3106A2219S](#) [97-3106A2428P](#) [97-3106A2428S](#) [97-3106A2811P](#) [97-3106A2811S](#) [97-3106A2816P](#) [97-3106A1816S](#) [97-3106A-16S-1P](#) [97-3106A-24-2S](#) [97-3106A-24-2P](#) [97-3106A-24-7P](#) [97-3106A-24-5S](#) [97-3106A-24-5P](#) [97-3106A1812PW621](#) [97-3106A-16-10S](#) [97-3106A-16-10P](#) [97-3106A12-5P](#) [97-3106A1812P621](#) [97-3106A-22-22S](#) [97-3106A-28-15P](#) [97-3106A-28-15S](#) [97-3106A-28-12P](#) [97-3106A-28-16S](#) [97-3106A-28-10P](#) [97-3106A-28-10S](#) [97-3106A-20-29PW](#) [97-3106A-18-4S](#) [97-3106A-32-8S](#) [97-3106A-32-8P](#) [97-3106A-14S\(639\)](#) [97-3106A-14S-6P](#) [97-3106A1812PZ621](#) [97-3106A281P417](#) [97-3106A-20-6S](#) [97-3106A-22-5P](#) [97-3106A-32-6P](#) [97-3106A-22-34S](#) [97-3106A-16S-6S](#) [97-3106A-10SL-3S\(639\)](#) [97-3106A-10SL-3S\(689\)](#) [97-3106A-10SL-3S\(936\)](#) [97-3106A-10SL-4S\(640\)](#) [97-3106A-12S-3S\(936\)](#) [97-3106A-14S-1P\(621\)](#) [97-3106A-14S-1P\(689\)](#) [97-3106A-14S-1P\(639\)](#) [97-3106A-18-4S\(639\)](#) [97-3106A-22-34P](#) [97-3106A181P689910](#) [97-3106A2027SY621](#) [97-3106A-18-12SW\(621\)](#) [97-3106A14S9P946](#) [97-3106A10SL-3S\(946\)](#) [97-3106A10SL-4S\(946\)](#) [97-3106A-12S-3P\(946\)](#) [97-3106A-12S-3S\(946\)](#) [97-3106A-14S-1P\(946\)](#)