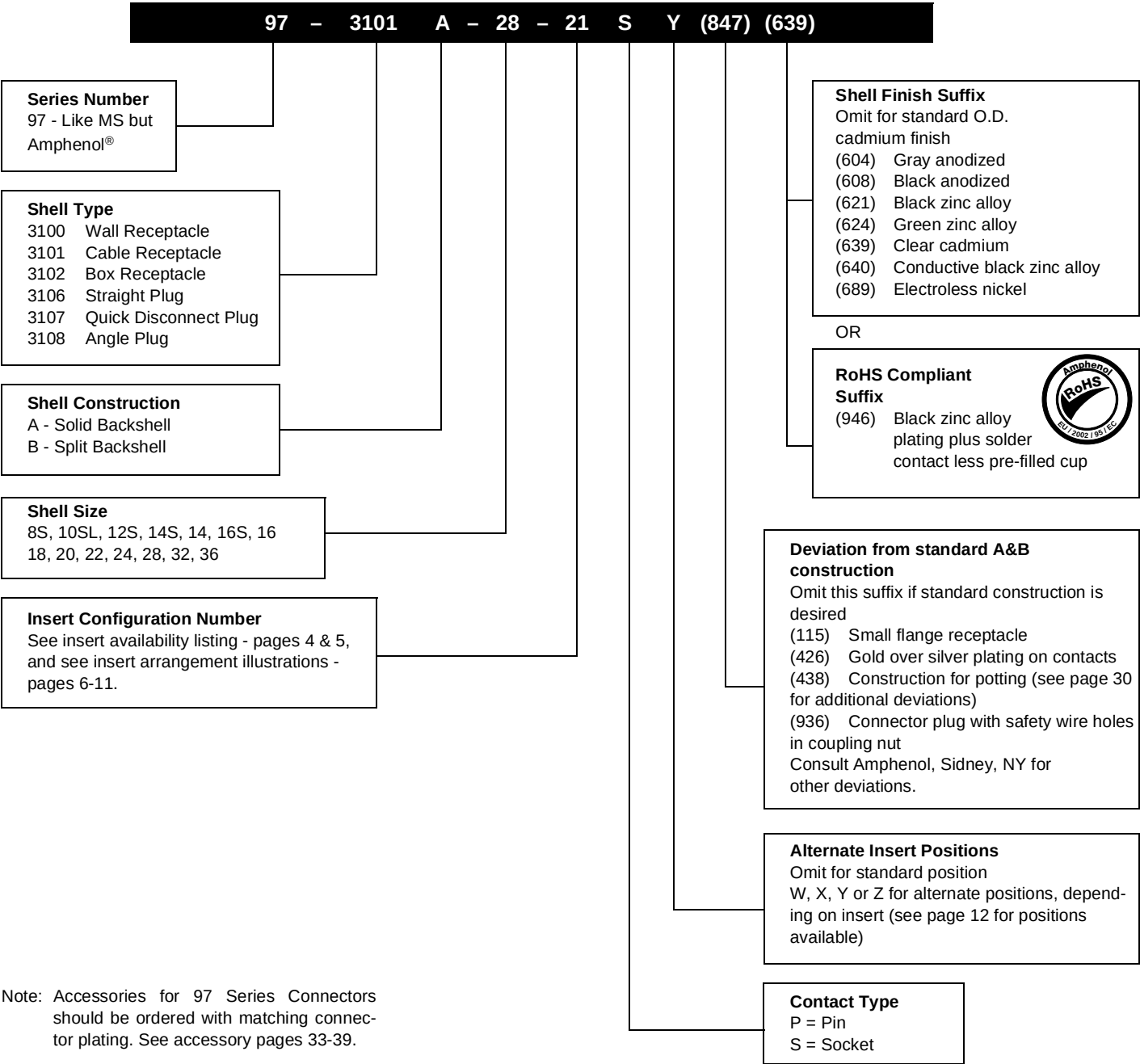


97 series solder type

how to order

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



8/20/89 08:19 * 89241 15:55 * PRELSE * 10-820160/179 0001

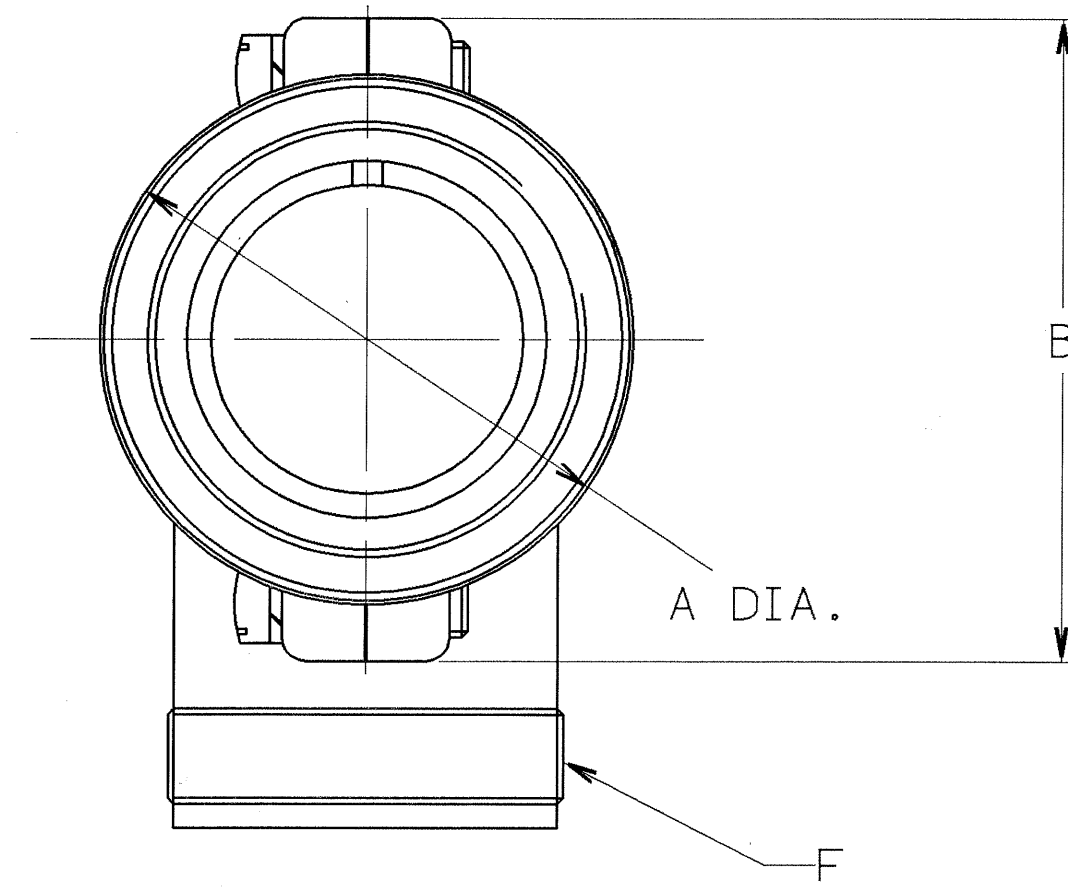
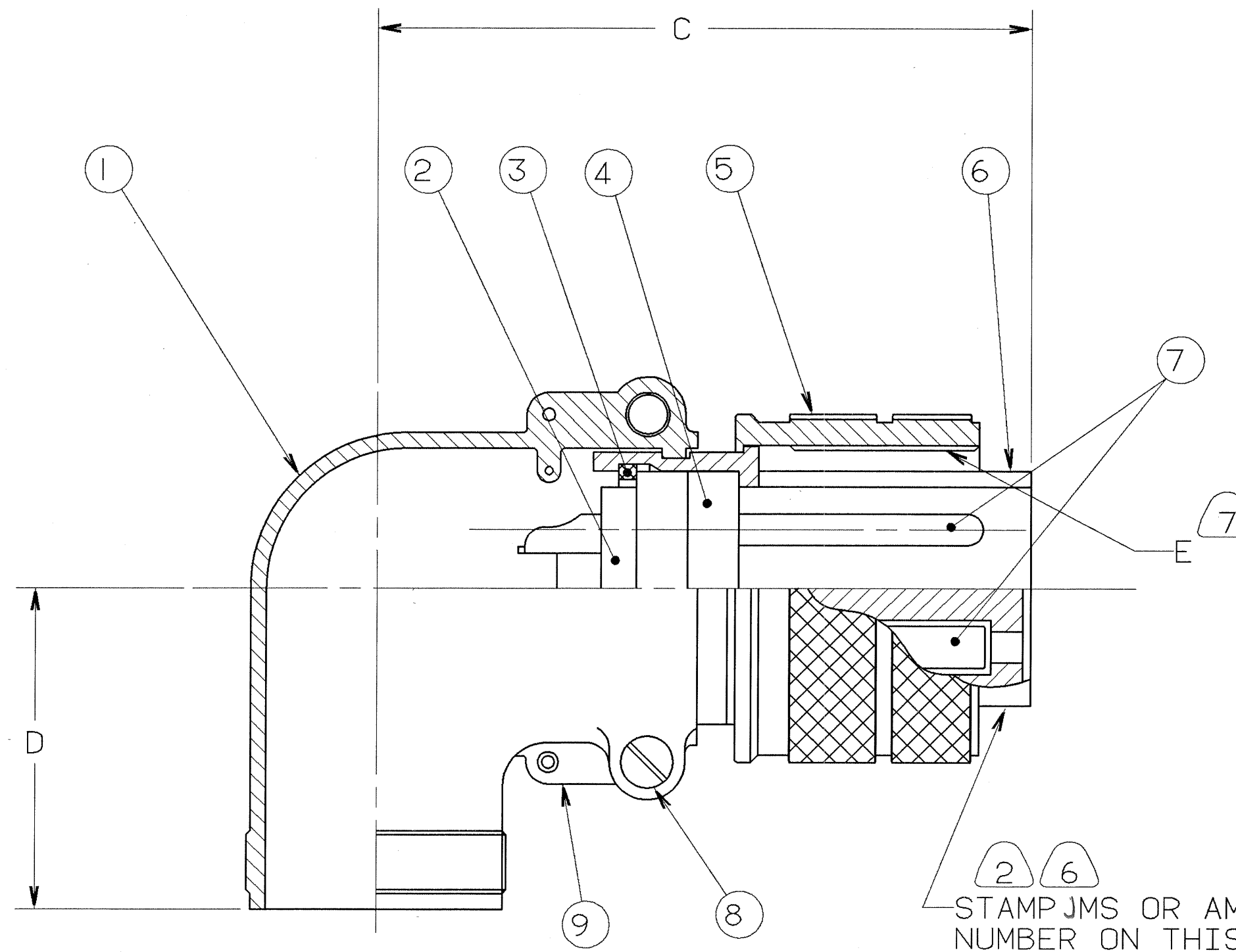
4

3

2

1

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
—	D	(CLII) ADDED NOTE 8 ECN:22391	08/29/89 BURNSIDE	m.m. J.B.
	E	(CLII) SEE ECN 91398	9/16/89	J. Balcan



STAMP JMS OR AMPHENOL ASSEMBLY
NUMBER ON THIS SURFACE.
CHARACTER HEIGHT .062 MINIMUM.
EXAMPLE: JMS 3108B-12S-3P OR 97-3108B-12S-3P

9	SEE NOTE	SEE NOTE 1	BACK SHELL, MALE	
8			SCREW, BACK SHELL	
7			CONTACTS	
6			SHELL	
5			RING, COUPLING	7
4			INSERT, FRONT	
3			RING, RETAINING	
2			INSERT, REAR	
1			BACK SHELL, FEMALE	

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.

FIND NO.	QTY REQD.	FSCM NO.	PART NUMBER	DESCRIPTION	NOTE REF.
PARTS LIST					
SPECIFICATIONS	SIGNATURES		DATES	AMPHENOL CORPORATION	
MATERIAL SPEC. N/A	PREPARED	A. PRESCOTT	11/06/87	BENDIX CONNECTOR OPERATIONS	
	CHECKED	PHILPOTT	11/17/87	SIDNEY, N.Y.	
	MATERIAL			CONNECTOR, ELECTRICAL PLUG,	
				TYPE 97-3108B,	
PROCESS SPEC. 9-2437-33 9-7568	APPROVED		BERNHARDT	11/16/87	OLIVE DRAB CADMIUM PLATE.
	APPROVED		HAYNER	11/17/87	
	IST PART NO.		10-820162-03S		
			SCALE	NONE	WT.
			SIZE		FSCM NO.
			C	77820	10-820160/179
					REV. E
			SHEET		1 OF 2

SEE SHEET 2.
NOTES:

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MAY CONTAIN LIMITED RIGHTS DATA.

N/A
N/A
NEXT ASSEMBLY

NOTE REF. =

8/30/89 08:17 • 89241 15.43 • PRELISE • 10-820160/179 • 0002

4

3

2

1

BENDIX
ASSEMBLY
NUMBER

10-820160-()
1-()
2-()
3-()
4-()
5-()
6-()
7-()
8-()
9-()
10-820170-()
1-()
2-()
3-()
4-()
5-()
6-()
7-()
8-()
9-()

AMPHENOL
ASSEMBLY
NUMBER

97-3108B- 8S -()
-10S -()
-10SL-()
-12S -()
-12SL-()
-12 -()
-14S -()
-14 -()
-16S -()
-16 -()
-18 -()
-20 -()
-22 -()
-24 -()
-28 -()
-32 -()
-36 -()
-40 -()
-44 -()
-48 -()

MS
ASSEMBLY
NUMBER

MS3108B - 8S -()
-10S -()
-10SL-()
-12S -()
-12SL-()
-12 -()
-14S -()
-14 -()
-16S -()
-16 -()
-18 -()
-20 -()
-22 -()
-24 -()
-28 -()
-32 -()
-36 -()
-40 -()
-44 -()
-48 -()

A
DIA.

NOT AVAILABLE
NOT AVAILABLE
.875
1.000
NOT AVAILABLE
1.000
1.125 1.281
NOT AVAILABLE
1.250 1.500
1.250 1.500
1.344 1.641
1.469 1.812
1.594 1.937
1.719 2.063
1.969 2.312
2.219 2.594
2.469 2.848
2.719 3.156
NOT AVAILABLE
NOT AVAILABLE

B

1.281

1.500
1.500
1.641
1.812
1.937
2.063
2.312
2.594
2.848
3.156

C

1.500
1.562
1.875
1.719
1.750
2.125
2.156
2.375
2.406
2.625
2.625
2.812
2.844
2.969

D

1.000
1.000
1.000
1.063
1.125
1.125
1.187
1.312
1.312
1.437
1.437
1.750
1.937
2.062

E
THREAD

.6250-24 UNEF-2B
.7500-20 UNEF-2B
.7500-20 UNEF-2B
.8750-20 UNEF-2B
1.0000-20 UNEF-2B
1.0000-20 UNEF-2B
1.1250-18 UNEF-2B
1.2500-18 UNEF-2B
1.3750-18 UNEF-2B
1.5000-18 UNEF-2B
1.7500-18 UNEF-2B
2.0000-18 UNEF-2B
2.2500-16 UNEF-2B
2.2500-16 UNEF-2B

F
THREAD

.6250-24 UNEF-2A
.6250-24 UNEF-2A
.6250-24 UNEF-2A
.7500-20 UNEF-2A
.8750-20 UNEF-2A
.8750-20 UNEF-2A
1.0000-20 UNEF-2A
1.1875-18 UNEF-2A
1.1875-18 UNEF-2A
1.4375-18 UNEF-2A
1.4375-18 UNEF-2A
1.7500-18 UNEF-2A
2.0000-18 UNEF-2A
2.2500-16 UN -2A

D

C

B

A

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
C

FSCM NO.
77820

10-820160/179

REV.
E

SCALE

WT.

REF

SHEET
2

TAB.

Mouser Electronics

Authorized Distributor

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

Amphenol:

[97-3108B14S1S](#) [97-3108B14S2S](#) [97-3108B14S5S](#) [97-3108B14S6P](#) [97-3108B1810S](#) [97-3108B1811S](#) [97-3108B1812P](#) [97-3108B184S](#) [97-3108B181S](#) [97-3108B-10SL-4S](#) [97-3108B1819P](#) [97-3108B1819S](#) [97-3108B1811P](#) [97-3108B1812S](#) [97-3108B1810P](#) [97-3108B181P](#) [97-3108B188S](#) [97-3108B188P](#) [97-3108B184P](#) [97-3108B-24-2S](#) [97-3108B-24-2P](#) [97-3108B-24-7S](#) [97-3108B-24-7P](#) [97-3108B-24-5S](#) [97-3108B-24-5P](#) [97-3108B-16-10P](#) [97-3108B-16-10S](#) [97-3108B-22-19P](#) [97-3108B-22-19S](#) [97-3108B-22-14S](#) [97-3108B-22-14P](#) [97-3108B-28-21S](#) [97-3108B-28-21P](#) [97-3108B-12S-3S](#) [97-3108B-12S-3P](#) [97-3108B-28-10S](#) [97-3108B-28-10P](#) [97-3108B-28-16S](#) [97-3108B-28-16P](#) [97-3108B-22-22S](#) [97-3108B-28-11S](#) [97-3108B-28-11P](#) [97-3108B-28-15S](#) [97-3108B-28-15P](#) [97-3108B-16S-1S](#) [97-3108B-16S-1P](#) [97-3108B-16S-8P](#) [97-3108B-16S-8S](#) [97-3108B-32-8P](#) [97-3108B-32-8S](#) [97-3108B14S1P](#) [97-3108B-10SL-3S](#) [97-3108B-18-20P](#) [97-3108B-18-19SX](#) [97-3108B-32-414PW](#) [97-3108B-10SL-3S\(946\)](#) [97-3108B-10SL-4S\(946\)](#) [97-3108B-12S-3P\(946\)](#) [97-3108B-12S-3S\(946\)](#) [97-3108B-14S-1P\(946\)](#) [97-3108B-14S-1S\(946\)](#) [97-3108B-14S-2P\(946\)](#) [97-3108B-14S-2S\(946\)](#) [97-3108B-14S-5P\(946\)](#) [97-3108B-14S-5S\(946\)](#) [97-3108B-14S-6P\(946\)](#) [97-3108B-14S-6S\(946\)](#) [97-3108B-14S-7P\(946\)](#) [97-3108B-14S-7S\(946\)](#) [97-3108B-16-10P\(946\)](#) [97-3108B-16-10S\(946\)](#) [97-3108B-16S-1P\(946\)](#) [97-3108B-16S-1S\(946\)](#) [97-3108B-16S-8P\(946\)](#) [97-3108B-16S-8S\(946\)](#) [97-3108B-18-10P\(946\)](#) [97-3108B-18-10S\(946\)](#) [97-3108B-18-11P\(946\)](#) [97-3108B-18-11S\(946\)](#) [97-3108B-18-12P\(946\)](#) [97-3108B-18-12S\(946\)](#) [97-3108B-18-16P\(946\)](#) [97-3108B-18-16S\(946\)](#) [97-3108B-18-19P\(946\)](#) [97-3108B-18-19S\(946\)](#) [97-3108B-18-1P\(946\)](#) [97-3108B-18-1S\(946\)](#) [97-3108B-18-4P\(946\)](#) [97-3108B-18-4S\(946\)](#) [97-3108B-18-8P\(946\)](#) [97-3108B-18-8S\(946\)](#) [97-3108B-20-15P\(946\)](#) [97-3108B-20-15S\(946\)](#) [97-3108B-20-16P\(946\)](#) [97-3108B-20-16S\(946\)](#) [97-3108B-20-27P\(946\)](#) [97-3108B-20-27S\(946\)](#) [97-3108B-20-29P\(946\)](#) [97-3108B-20-29S\(946\)](#) [97-3108B-20-4P\(946\)](#)