

Shell Size	ϕA ± 0.5	B ± 0.50	C ± 0.50	ϕD Max	E ± 5.0	G Thread (Class: 2A)
10SL	18.1	14.5	3.0	22.5	39.0	0.625-24
14S	24.5	14.5	3.0	29.5	41.0	0.750-20
16S	27.3	14.5	3.2	31.5	43.0	0.875-20
16	27.3	19.3	3.2	31.5	48.0	0.875-20
18	30.7	19.3	3.5	34.5	50.5	1.000-20
20	34.1	19.3	4.0	37.5	55.5	1.1875-18
22	37.3	19.3	4.0	40.5	55.5	1.1875-18
24	40.8	21.0	3.5	44.5	58.5	1.4375-18
28	46.6	21.0	3.5	50.0	58.5	1.4375-18
32	53.3	22.3	3.5	56.5	60.0	1.750-18
36	59.5	22.3	4.0	63.0	60.0	2.000-18
40	65.4	22.3	4.0	69.0	60.0	2.250-18

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		

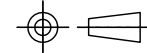
SPECIFICATIONS (UL Certified Inserts Only)

Mechanical	
Durability	500 Cycles
Electrical	
Current Rating (Max)	
16 Gauge	13.0 A
12 Gauge	23.0 A
8 Gauge	46.0 A
4 Gauge	80.0 A
0 Gauge	150.0 A
Voltage	
Test (rms)	
Service Level Inst	1000 VAC
Service Level A	2000 VAC
Service Level B	4500 VAC
Service Level C	7000 VAC
Service Level D	2800 VAC
Service Level E	3500 VAC
Working (VDC/VAC)	
Service Level Inst	250/200
Service Level A	700/500
Service Level B	2450/1750
Service Level C	4200/3000
Service Level D	1250/900
Service Level E	1750/1250
Insulation Resistance (@500 VDC)	5000 M Ω
Environmental	
Operating Temperature (Max)	+125°C
Salt Spray	
Electrophoresis Green (Non-Conductive)	96 Hrs
Electroless Nickel (Conductive)	48 Hrs
Vibration (10-500Hz) (3 Axis)	90 Min (No Damage)

No.	Name	Material	Finish/Remarks
1	Shell	Aluminum	
2	Insert	Silicone Rubber/Neoprene	Silicone Rubber (UL V-0)
3	Contact	Brass	Silver or Gold Plated
4	Gasket	Silicone Rubber	

UNLESS NOTED
TOLERANCES ARE:
.X \pm 0.38
.XX \pm 0.25
ANGLES \pm 1°

THIRD ANGLE
PROJECTION



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UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION.	TITLE Commercial 5015 Reverse Bayonet Inline Receptacle	
SCALE: NTS	DATE: 01/25/18		S P I P / N : S-MS4X01XXX-XXX-XX	
	CHK'D: TRH		REV: A	
SHEET: 1 OF 1	APV'D: TRH	CUSTOMER P/N:		