

REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Added Panel Cut Out Reference Diameter	04/17/18	RLM

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 MΩ

Environmental

Operating Temperature (Max) +125°C

Salt Spray

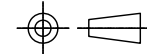
Electrophoresis Green (Non-Conductive) 96 Hrs
 Electroless Nickel (Conductive) 48 Hrs
 Vibration (10-500Hz) (3 Axis) 90 Min (No Damage)

Shell Size	A Thread (Class: 2A)	B ±0.50	C ±0.50	D ±0.80	E ±0.15	F ±0.25	G ±5.0	H Thread (Class: 2A)	Ref Panel Hole Cut Out Dimension
10S	0.625-24	14.5	3.0	25.4	18.26	3.2	39.0	0.500-24	15.0
10SL	0.625-24	14.5	3.0	25.4	18.26	3.2	39.0	0.625-24	15.0
14S	0.875-20	14.5	3.0	30.0	23.0	3.2	41.0	0.750-20	19.9
16S	1.000-20	14.5	3.2	32.0	24.6	3.2	43.0	0.875-20	22.9
16	1.000-20	19.3	3.2	32.0	24.6	3.2	48.0	0.875-20	22.9
18	1.125-18	19.3	3.5	34.8	27.0	3.2	50.5	1.000-20	26.2
20	1.250-18	19.2	4.0	38.2	29.3	3.3	55.5	1.1875-18	29.3
22	1.375-18	19.4	4.0	41.3	31.8	3.3	55.5	1.1875-18	32.4
24	1.500-18	21.0	3.5	44.5	34.9	3.9	58.5	1.4375-18	35.7
28	1.750-18	21.0	3.5	50.4	39.7	3.9	58.5	1.4375-18	42.2
32	2.000-18	22.3	3.5	57.0	44.5	4.5	60.0	1.750-18	48.4
36	2.2500-16	22.3	4.0	63.5	49.25	4.5	60.0	2.000-18	53.1
40	2.500-16	22.3	4.0	69.9	55.6	4.5	60.0	2.250-18	61.1

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 ± 0.38
 .XX ± 0.25
 ANGLES ± 1°

THIRD ANGLE PROJECTION



1170 S. PATTON ST.
 XENIA, OHIO 45385
 PH: (937) 374-2700
 FX: (937) 374-2717

UNIT: mm	DRWN: RLM
SCALE: NTS	DATE: 01/10/18
	CHK'D: TRH
SHEET: 1 OF 1	APV'D: TRH

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TITLE	
Commercial 5015 Wall Mount Receptacle	
SPI P/N: S-MS3X00XXX-XXX-XX	REV: B
CUSTOMER P/N:	