



REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Updated Dimensions	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 ±0.50	E ±0.30	F ±5.0	G Thread (Class: 2A)
10S	0.625-24	14.5	3.0	16.2	21.8	39.0	0.500-24
10SL	0.625-24	14.5	3.0	16.2	21.8	39.0	0.625-24
14S	0.875-20	14.5	3.0	22.5	29.0	41.0	0.750-20
16S	1.000-20	14.5	3.2	25.6	31.2	43.0	0.875-20
16	1.000-20	19.3	3.2	25.5	31.2	48.0	0.875-20
18	1.125-18	19.3	3.5	28.9	34.0	50.5	1.000-20
20	1.250-18	19.2	4.0	32.0	37.0	55.5	1.1875-18
22	1.375-18	19.4	4.0	35.2	40.3	55.5	1.1875-18
24	1.500-18	21.0	3.5	38.4	43.5	58.5	1.4375-18
28	1.750-18	21.0	3.5	44.8	50.0	58.5	1.4375-18
32	2.000-18	22.3	3.5	51.2	57.0	60.0	1.750-18
36	2.250-16	22.3	4.0	57.5	63.0	60.0	2.000-18
40	2.500-16	22.3	4.0	63.5	69.0	60.0	2.250-18

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

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
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UNIT: mm	DRWN: RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION.	TITLE Commercial 5015 Inline Receptacle	
SCALE: NTS	DATE: 01/10/18		S P I P / N : S-MS3X01XXX-XXX-XX	
	CHK'D: TRH		REV: B	
SHEET: 1 OF 2	APV'D: TRH		CUSTOMER P / N :	