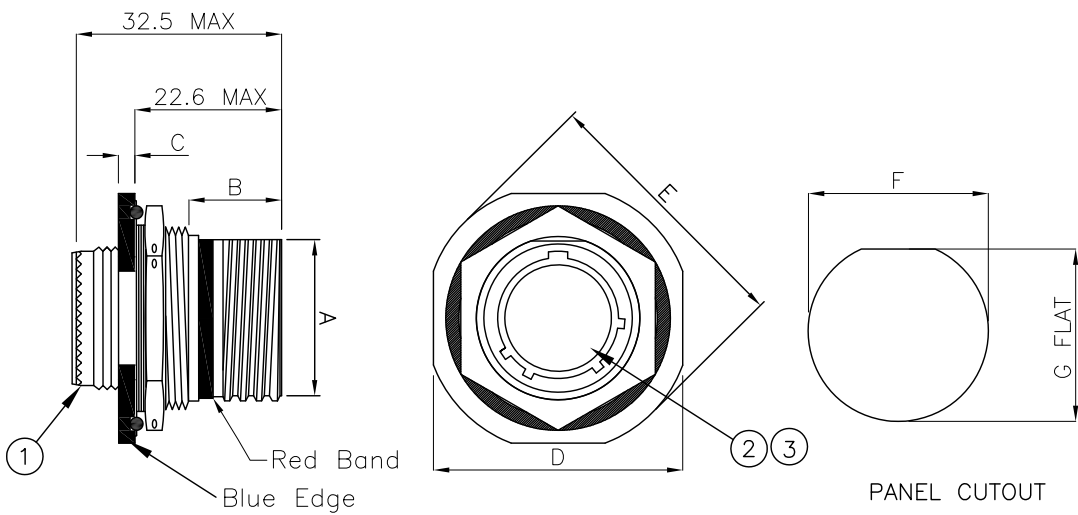


REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		


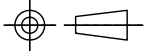


SPECIFICATIONS

<u>Mechanical</u>		
Durability		500 Cycles
Contact Retention		
20 Gauge		67 N
16 Gauge		113 N
Contact Retention		
22D Gauge		44.0 N
20 Gauge		68.0 N
16 Gauge		111.0 N
<u>Electrical</u>		
Current Rating		
22D Gauge		5.0A
20 Gauge		7.5A
16 Gauge		13.0A
Voltage Rating (@ Sea Level)		
Service Rating M		1300V
Service Rating I		1800V
Service Rating II		2000V
Insulation Resistance (@500 VDC)		>5000 MΩ
<u>Environmental</u>		
Operating Temperature		
Class C		-65°C - +200°C
Class F		-65°C - +200°C
Class W		-65°C - +175°C
Vibration (@ -65°C - +200°C)		S: 60G (@ 140 - 2000 Hz)
Shock (Peak Acceleration)		300G, 3msec

Shell Size	A MAX	B +0.6/-0.0	C +0.9/-0.1	D ±0.40	E ±0.30	F ±0.25	G +0.10/-0.15
A	14.14	14.10	2.20	27.00	30.20	17.78	16.53
B	17.60	14.10	2.20	31.80	34.90	20.96	19.07
C	20.77	14.10	2.20	34.90	38.10	25.65	23.82
D	23.95	14.10	2.20	38.10	41.30	28.83	26.97
E	28.30	14.10	2.20	41.30	44.50	32.00	30.15
F	29.89	14.10	3.00	46.00	49.20	35.18	33.32
G	33.07	14.10	3.00	49.20	52.40	38.45	36.50
H	34.24	14.10	3.00	52.40	55.60	41.53	39.67
J	39.42	14.10	3.00	55.60	58.70	44.70	42.85

No.	Name	Material/Finish	Remarks
1	Shell	Aluminum	
2	Insert	Thermo Plastic	
3	Contact	Copper Alloy	Ni 100µ" - Au 50µ"

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 SCALE : NTS SHEET : 1 OF 1	DRWN : RLM DATE : 06/13/17 CHK'D : RLM APV'D : RLM	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF SPI AND SHALL NOT BE COPIED, USED OR RE-PRODUCED WITHOUT PERMISSION.
TITLE Commercial D38999 Jam Nut Receptacle		SPI P / N : SPI3824XXXXX CUSTOMER P / N :
		REV : A