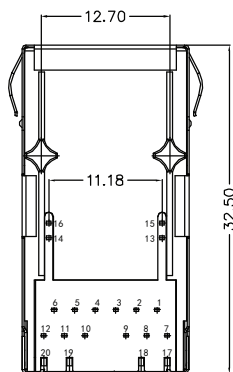
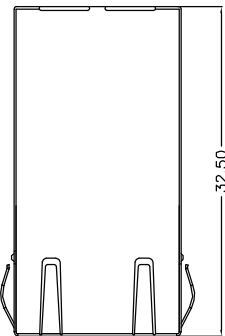


MATES WITH PLUG CONFORMING
TO FCC PART 68, SUBPART F.

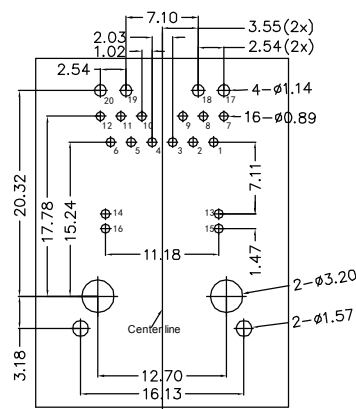
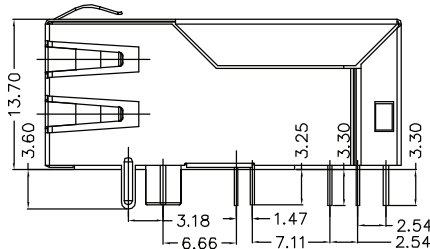


LED OPTION TABLE:

OPTION	FORWARD	REVERSE
G	GREEN	-----
Y	YELLOW	-----
R	RED	-----
1	GREEN	ORANGE
2	YELLOW	ORANGE
3	GREEN	RED
4	YELLOW	RED
5	GREEN	YELLOW
6	YELLOW	GREEN
7	RED	GREEN
8	RED	YELLOW

MATERIAL:

CONTACT MATERIAL : PHOSPHOR BRONZE
INSULATOR: PA66 + 30 % Glass Filled (UL94V-0)
OPERATING TEMP: 0 C to 70 C
STORAGE TEMP: -40 C to 85 C
CONTACT PLATING: Gold Plating over Nickel



RECOMMENDED PCB LAYOUT

HOW TO ORDER:

A 3 0 1 2 - 0 1 S - S T 2 - X 0 G - G Y TJ - Z

SPRING TAB LOCATION:

2 - SPRING TABS ON TOP & 2 ST/ SIDES

SELECTIVE PLATING:

6 - Au CONTACT AREA/TIN TAIL
7 - 10u" Au CONTACT AREA/TIN TAIL
8 - 15u" Au CONTACT AREA/TIN TAIL
9 - 30u" Au CONTACT AREA/TIN TAIL

LED 1: LED 2:
See LED Table

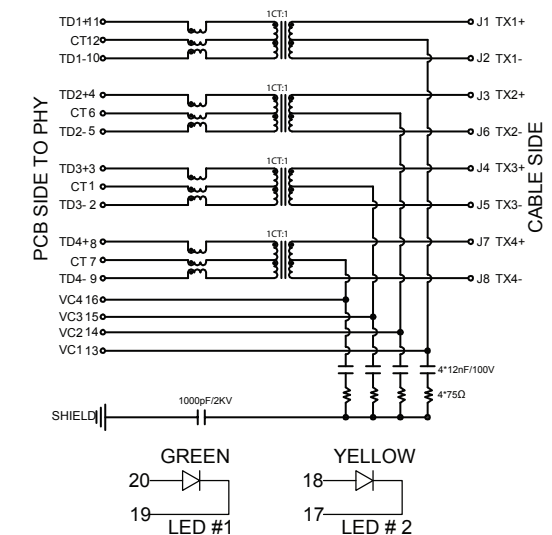
W/ TRANSFORMER:
Type TJ

Electrical Specification

Insertion Loss	100Mhz	-1.0
Return Loss	1-10 Mhz	- 20
	10-30 Mhz	- 16
	30-60 Mhz	- 12
	60-80 Mhz	- 10
Crosstalk	1-30 Mhz	- 40
	30-60 Mhz	- 35
	60-100 Mhz	- 30
DCMR	1~100 Mhz	- 35
CMR	1~100 Mhz	- 35
Hipot	1500V AC & 2250V Dc 6S 1mA	

NOTES:

- POE Magnetics According to IEE802.3 for PSE and PD Applications.
- Complies with IEEE 802.3 Isolation Requirements
- Balanced DC Line Current 720mA @ 44-57 VDC Continuous.



Rev	Drawn	Checked	Approved	Date	RJ45 JACK, 1000 BASE Tx ; SHIELDED;PCB SHIELD PEG 3.18mm
0 Issued	B.S.	S.M.	S.M.	11/03/17	
TOL. DEC. XX +/- 0.25 .XXX +/- 0.13 ANGLE +0.45/-0.15 UNIT: mm					P/N: A3012 - 01S - ST2 - X0G - GYTJ - Z
					Pg: 1

SMP TECHNOLOGY, INC.

RoHS
COMPLIANT