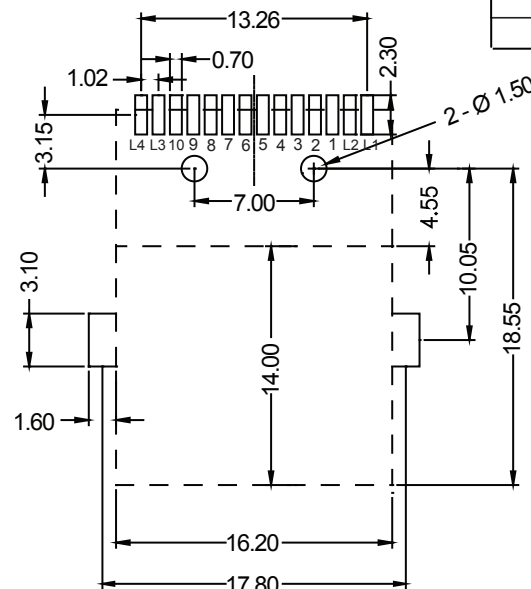
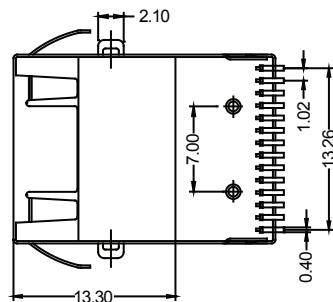
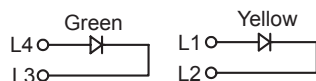


MEETS IEEE 802.3 SPECIFICATION

Insertion Loss	1 ~ 100 Mhz.	- 1 db Max.
Return Loss	1 ~ 30 Mhz.	- 18 db Min.
	30 ~ 60 Mhz.	- 13 db Min.
	60 ~ 80 Mhz.	- 10 db Min.
	80 ~ 100 Mhz.	- 10 db Min.
Crosstalk	1.0 ~ 100 Mhz.	- 30 db Min.
	100 ~ 150 Mhz.	- 20 db Min.
Common Mode Rejection	1 ~ 100 Mhz.	- 30 db Min.
Hi-Pot	2250 VDC @ 60 Seconds	
DC Current /Voltage Rating	0.1 A Max@48 VDC (Continuous)	
OCL	350 uH Min@100 Khz/0.1V with 8mA DC Bias	
Turns Ratio (+/- 2%)	Tx 1CT:1CT Rx=1CT:1CT	

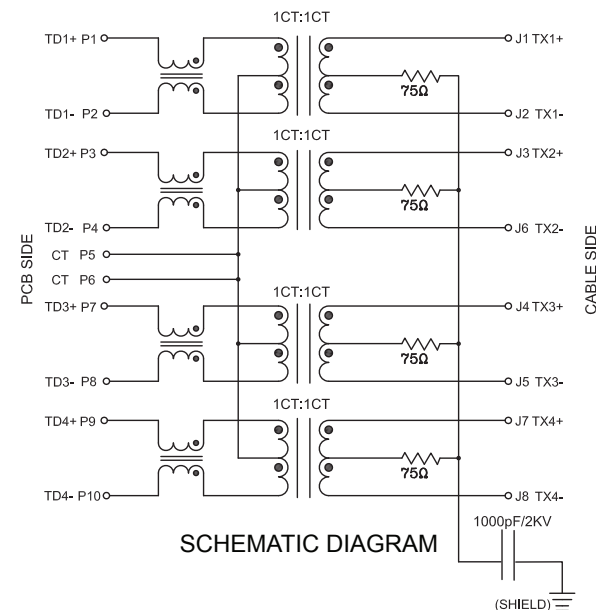
LED SCHEMATIC



HOW TO ORDER:

A 3 0 0 1 - A A 1 1 - 0 5 X - G Y TH - Z

SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM

ELECTRICAL:

CONTACT RESISTANCE:

< 20 Milliohm Max.

INSULATION RESISTANCE:

> 500 Megaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:

1000V (rms) AC for 1 Minute Min.

OPERATING TEMPERATURE: 0° C to +70° C

ISOLATION VOLTAGE :1500Vrms

MATERIAL:

INSULATOR: Thermolastic Glass Filled LCP (UL94V-0)

CONTACT: Phosphor Bronze

CONTACT PLATING: Gold Plating over Nickel

SOLDERING TEMP MAX: 255 C (Reflow Only)for 5 Sec. Max.

SELECTIVE PLATING:

6 - 6u" 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

W/ TRANSFORMER:

TH - Type TH Transformer

LED 1:
LED 2:
TH
RoHS
COMPLIANT

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	B.S.	S.M.	S.M.	
SCALE: N/A					1000 BASE-TX RJ45 JACK, GIGABIT; w/LED's ;SINGLE PORT
					OFFSET 2.40 mm; SHIELDED, SURFACE MOUNT
TOL. DEC. .X +/- .XX +/- 0.25 .XXX +/- 0.15 ANGLE +0.45/-0.15 UNIT: mm					P/N: A3001-AA11-05X-GYTH-Z