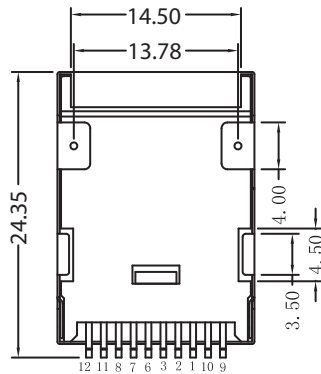
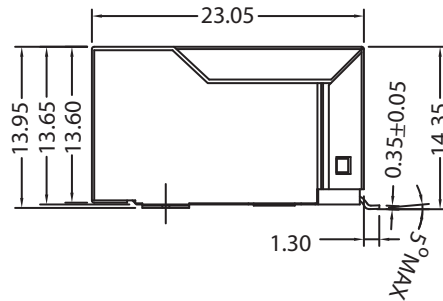
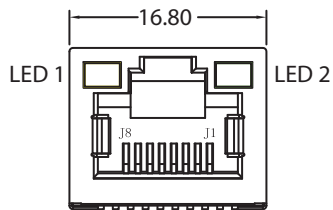




LED OPTION TABLE:

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

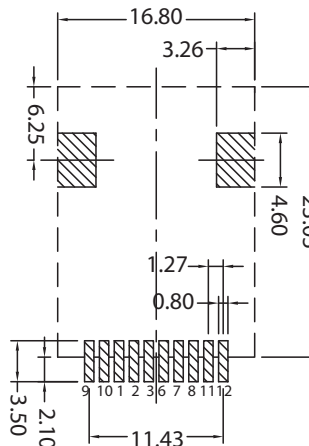
MATERIAL:

CONTACT MATERIAL : Copper Alloy
INSULATOR: Thermoplastic (UL94V-0)
OPERATING TEMP: 0 C to 70 C
STORAGE TEMP: -40 C to 85 C
CONTACT PLATING: Gold Plating over Nickel



PACKAGING:

TAPE & REEL ; 150 pcs /Reel
OUTER CARTON :(L) 355;(W)355;(H)350
NET WEIGHT : 6.5 KG
GROSS WEIGHT: 9 KG



RECOMMENDED PCB LAYOUT

HOW TO ORDER:

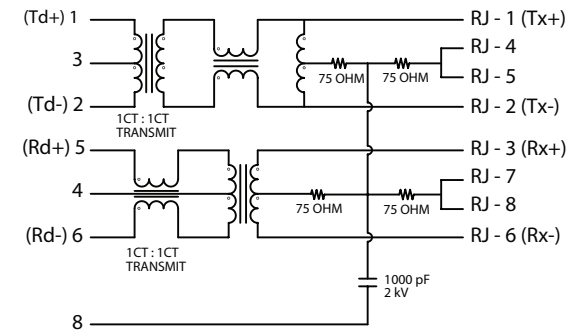
A 3 0 1 2 - 0 1 S - N 0 E - X 0 B3 - X X T2 - Z

Electrical Specification

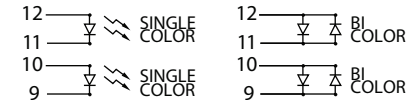
Insertion Loss	0.5-100 Mhz	-1.0 dB Max.
Return Loss	1-30 Mhz	- 18 dB Min.
	30-60 Mhz	- 15 dB Min.
	60-80 Mhz	- 12 dB Min.
	80-100 Mhz	- 12 dB Min.
Crosstalk	30 Mhz	- 40 dB Min
	60 Mhz	- 35 dB Min
	100 Mhz	- 30 dB Min
DCMR	0.1-100 Mhz	- 35
CMR	0.1-100 Mhz	- 30 dB Min.
Hipot		1500 Vrms
Inductance	350uH Min.100KHz ;0.1V 8mA DC Bias	

PCB to
PHY Side

Cable
Side



LED OPTIONS:



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

LED 1: LED 2:
Choose Option
from LED Table

W/ TRANSFORMER:
T2 - Type 2 Transformer

RoHS
COMPLIANT

Rev		Drawn	Checked	Approved	Date
0	Issued	B.S.	S.M.	S.M.	12/18/06
A	Added Packaging	B.S.	S.M.	S.M.	06/09/15

SCALE: N/A

TOL. DEC. .XX +/- 0.25 .XXX +/- 0.13 ANGLE +0.45/-0.15 UNIT: mm

SMP TECHNOLOGY, INC.

RJ45 JACK, 10/100 BASE Tx ; SHIELDED; SURFACE MOUNT-TYPE 1

TRANSFORMER T2

P/N: A3012 - 01S - N0E - X0B3 - XXT2 - Z

Pg: 1