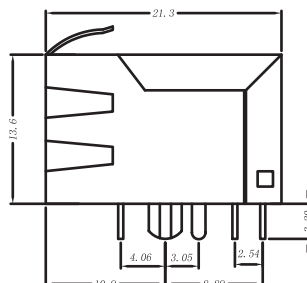
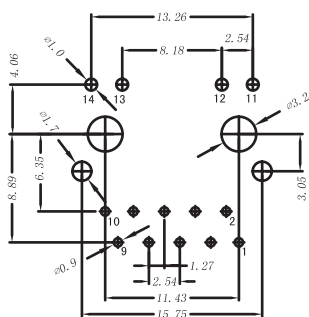


MATES WITH PLUG CONFORMING
TO FCC PART 68, SUBPART F.



LED SCHEMATIC



SUGGESTED PCB LAYOUT
(TOP VIEW)

MEETS IEEE 802.3
ISOLATION VOLTAGE: 1500V/60Hz.
VOLTAGE RATING: 120V AC
CURRENT RATING: 1.5A Min.
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

MATERIAL:

INSULATOR: Thermoplastic Glass Filled (UL94V-0)
CONTACT: 0.35mm Thickness Phosphor Bronze
CONTACT PLATING: Gold Plating over Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 3 0 1 2 - 0 1 C - S T 2 - X 0 B6 - 5 5 TC - Z

SPRING TAB LOCATION:
2 - SPRING TABS ON TOP, 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
A - 50u" Au CONTACT AREA/TIN TAIL

LED 1: LED 2:
RoHS COMPLIANT

W/ TRANSFORMER:
TC - TC Transformer

DIMENSION "D"

PCB GROUND TAB LOCATION:

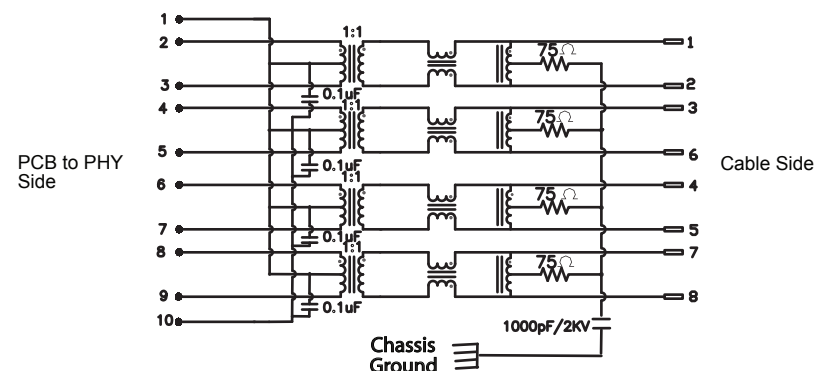
B6 - Back 3.05 No Rear Tabs (In Line LED's - 1 Port)

Specification :

Insertion loss	1 ~ 65 MHz	-1
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
Common Mode Rejection	1 ~ 50 MHz	-30
	50 ~ 150 MHz	-20
Hipot	@ 60 MHz	1500

Inductance: 350 u Hmin; 100Khz; 100mv, 8mADC

Schematic



Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.	
0	WHS	S.M.	S.M.	10/21/08		
A	Changed Trsfomer Type From TB to TC	B.S.	S.M.	07/02/14	RJ45 JACK, TAB DOWN, 1000 Base-Tx; SINGLE PORT,	
					SHIELDED, PCB SHIELD PEG 3.05mm, In Line LED's	
SCALE: N/A						
TOL. DEC.	.X +/- 0.20	.XX +/- 0.10	.XXX +/- 0.05	ANGLE +0.45/-0.15	UNIT: mm	P/N: A3012 - 01C - ST3 - X0B6 - 55TC - Z
						Pg: 1