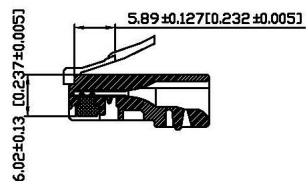


RECOMMENED PLUG DIMENSION:



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

LED OPTION TABLE:

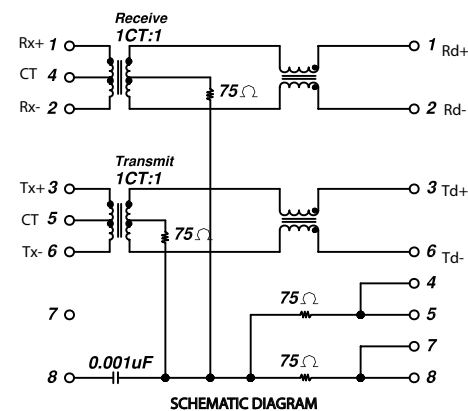
OPTION	FORWARD	REVERSE
G	Green	-----
Y	Yellow	-----
1	Green	Orange
2	Yellow	Orange
3	Green	Red
4	Yellow	Red
5	Green	Yellow
6	Yellow	Green

SPECIFICATION:

Item	Parameter	Condition	Min.	Typ.	Max.	Unit	REMARK
1	Insertion loss	1-100 MHz			-1.0	dB	
2	Return loss	1-30 MHz	-16			dB	
		30-60 MHz	-12			dB	NOTE 1
		60-80 MHz	-10			dB	
3	Common to Diff. Rejection	100KHz-100MHz	-35			dB	
4	Common to Comm. Rejection	100KHz-100MHz	-35			dB	
5	OCL	100 KHz	350			μH	
6	Crosstalk (Pair To Pair)	100KHz-100MHz	-30			dB	
7	Hipot	Vrms	1.5			kV	
8	Turns Ratio (Chip : Cable)	TX : 1 : 1 RX : 1 : 1				CT	
9	Direct Current Resistance				1.2		

PINOUT

PIN	SYMBOL
1	Rd+
2	Rd-
3	Td+
4	CT
5	CT
6	Td-
7	CT
8	CT



SCHEMATIC DIAGRAM

ELECTRICAL:

CURRENT RATING: 1.5A Min.

CONTACT RESISTANCE:

< 20 Milliohm Max.

INSULATION RESISTANCE:

> 500 Megaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:

1000V (rms) AC for 1 Minute

OPERATING TEMPERATURE: -25° C to +90° C

MATERIAL:

INSULATOR: NYLON 46 (UL94V-0)

CONTACT: 0.35mm Thickness Phosphor Bronze

CONTACT PLATING: Nickel Plated and With 30u Gold Plated

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

HOW TO ORDER:

A 3 0 1 2 - 0 4 S - N 0 0 - X 0 B - X X T3 - Z

TABS:

N0 - NO TABS

SPRING TAB LOCATION:

0 - NO EMI TAB

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:

Choose Option
from Table Above

RoHS COMPLIANT

W/ TRANSFORMER:

T3 - Type 3 Transformer

DIMENSION "D"

PCB GROUND TAB LOCATION:

B - BACK, 3.05mm

Rev					Apv.	Date	SMP TECHNOLOGY, INC.
0	Issued				S.M.	06/23/06	
							RJ45 JACK, TAB DOWN,w/ TRANSFORMER w/LED's - FOUR PORT,
							SHIELDED, PCB SHIELD PEG 3.05mm
SCALE		MAT'L		FINISH			
TOL. DEC.	.X +/-	.XX +/- 0.25	.XXX +/- 0.15	ANGLE +0.45/-0.15	UNIT: mm	P/N: A3012 - 04S - N00 - X0B - XXT3 - Z	
						Pg: 1	