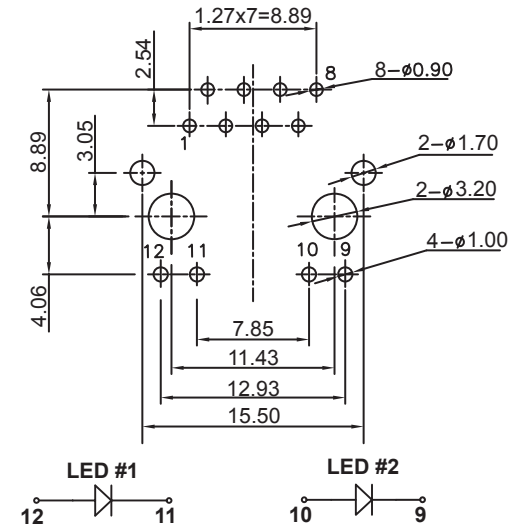
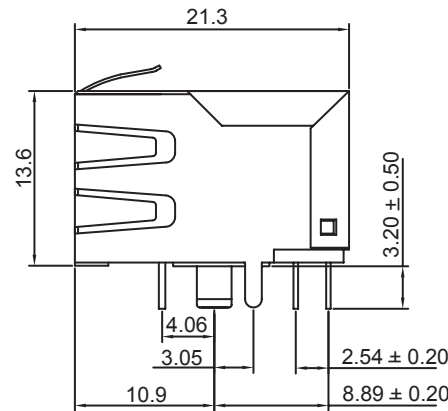
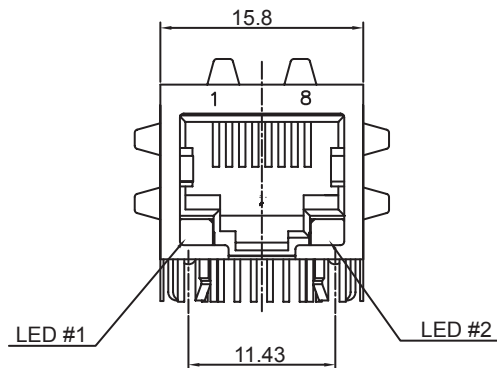
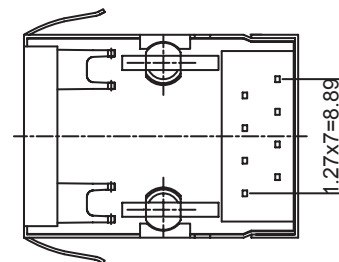




RECOMMENDED PCB LAYOUT



Frequency MHz	Near -End Cross Talk dB - Min	Return Loss dB - Min	Attenuation dB - Max
1.0	65	30	0.1
4.0	65	30	0.1
8.0	64.9	30	0.1
10.0	63	30	0.1
16.0	58.9	30	0.2
20.0	57	30	0.2
25.0	55	30	0.2
31.25	53.1	30	0.2
62.5	47.1	24.1	0.3
100.0	43	20	0.4

ELECTRICAL:

CURRENT RATING: 1.5A Min.

CONTACT RESISTANCE:

60 Milliohm Max.

INSULATION RESISTANCE:

1000 Megaohm Min.

DIELECTRIC WITHSTANDING VOLTAGE:

1000V (rms) AC for 1 Minute

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

MATERIAL:

HOUSING: PBT Glass Filled (UL94V-0)

Nylon 6T Glass Filled (UL94V-0) 260 C Rated

COLOR: Black

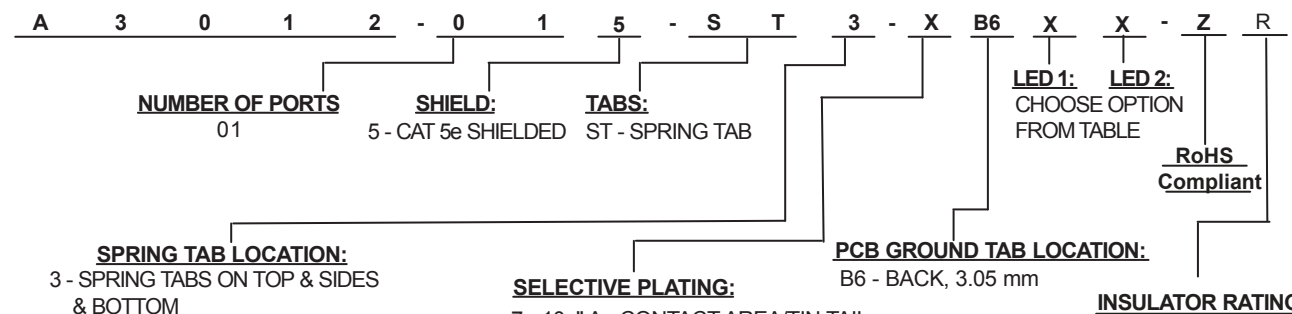
SPRING WIRE: 0.45mm Thickness Phosphor Bronze
Gold Plating Over Nickel

DURABILITY: 750 Mating Cycles Min.

LED OPTION TABLE

OPTION	FORWARD	REVERS
G	GREEN	-----
Y	YELLOW	-----
O	ORANGE	-----
1	GREEN	ORANGE
5	GREEN	YELLOW

HOW TO ORDER:



SELECTIVE PLATING:

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

INSULATOR RATING:

"Blank"- 230 C Temp Rated
 R -IR Reflow Compatible

Rev	Drawn	Checked	Approved	Date	SMP TECHNOLOGY, INC.
0	Issued	A.M.	S.M.	03/29/05	
SCALE: N/A					RJ45, 1 PORT, SIDE ENTRY, EMI SPRINGS, TABS ON TOP, SIDES
					CATEGORY 5e
TOL. DEC. .XX +/- 0.25 .XXX +/- 0.13 .XXXX +/- 0.05 ANGLE +/- 0.30° UNIT: mm					P/N: A3012-015-ST3-XB6XX-Z Pg: 1