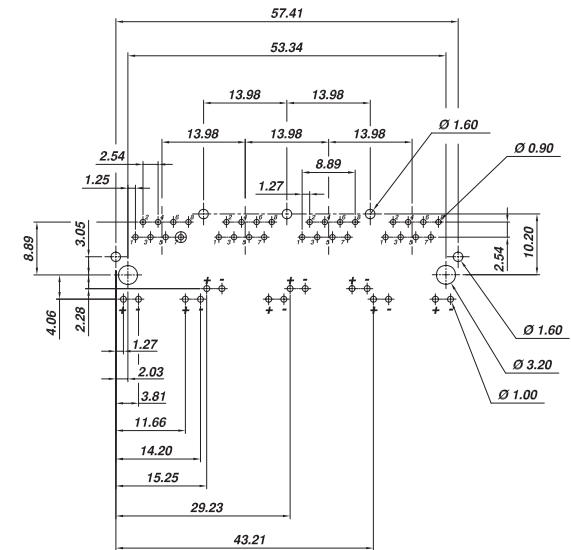
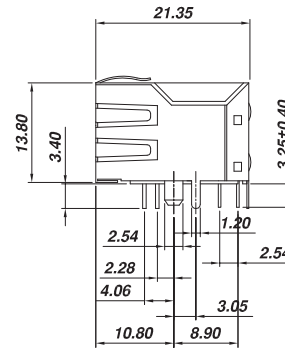
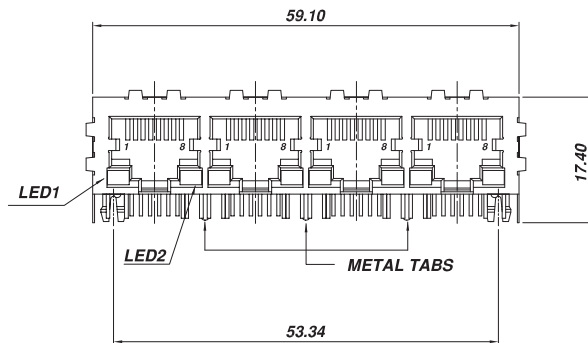
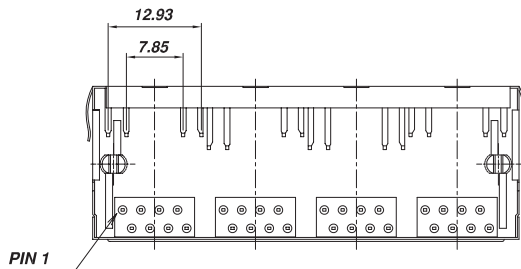




PCB LAYOUT
(Top View)



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 66 (UL 94V-0)
CONTACT: 0.35mm Thickness Phosphor Bronze
CONTACT PLATING: Gold Plating Over Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

LED

FORWARD DC CURRENT: 2mA
FORWARD VOLTAGE: 1.8 V Typical
REVERSE VOLTAGE: 5 V Min.
POWER DISSIPATION: Green=24 mW; Yellow=36 mW

HOW TO ORDER:

A 3 0 1 2 - 0 4 C - S T 2 - X 0 B1 - X X - Z

NUMBER OF PORTS
04

SHIELD:
C - SHIELDED
W/ BOTTOM LEDS

TABS:
NO - NO TABS
ST - SPRING TABS

0 - NO FLANGE
1 - FLANGE

LED 1:
LED 2:
CHOOSE OPTION
FROM TABLE BELOW

RoHS COMPLIANT

SPRING TAB LOCATION:

0 - NO TAB LOCATION
1 - SPRING TABS ON TOP
2 - SPRING TABS ON TOP & SIDES

PLATING OVERALL:

0 - FULL Au
1 - 15u" Au
2 - 30u" Au
3 - 50u" Au

DIMENSION "D"

PCB GROUND TAB LOCATION:
B1 - BACK, 3.05mm w/ 3 REAR TABS

SELECTIVE PLATING:

6 - Au CONTACT AREA/TIN TAIL
7 - 15u" Au CONTACT AREA/TIN TAIL
8 - 30u" Au CONTACT AREA/TIN TAIL
9 - 50u" Au CONTACT AREA/TIN TAIL

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

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	04/01/02
A	A.M.	S.M.	S.M.	10/07/03
B	B.S.	S.M.	S.M.	3/13/07

SCALE:n/a

SMP TECHNOLOGY, INC.

RJ45 Jack , 4 Port, Shielded w/ Bottom LED's

TOL. DEC. .XX +/- 0.25 .XXX +/- 0.13 .XXXX +/- 0.05 ANGLE +0.45 / - 0.15 UNIT: mm

P/N: A3012 - 04C - ST2 - X0B1 - XX-Z

Pg: 1