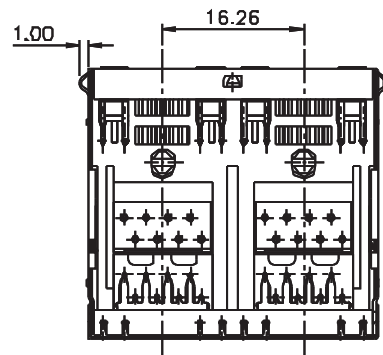
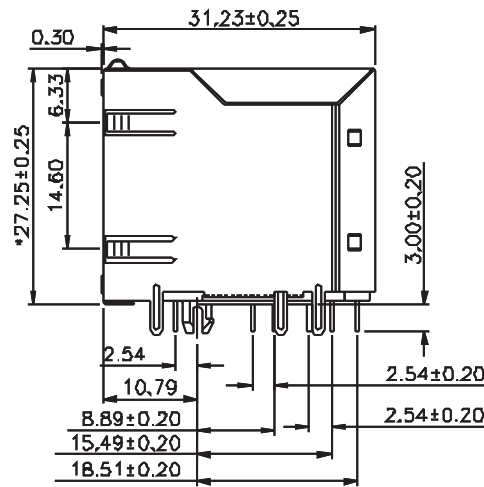
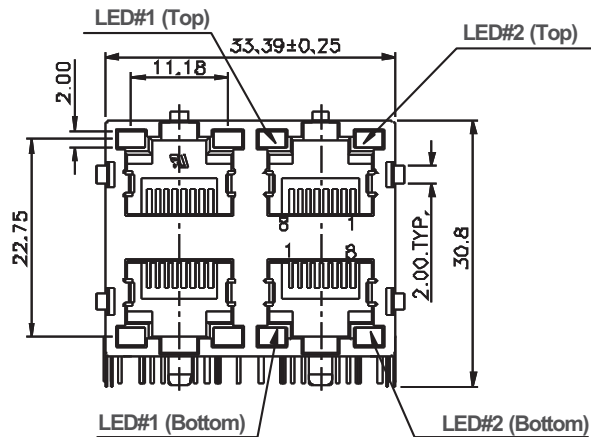
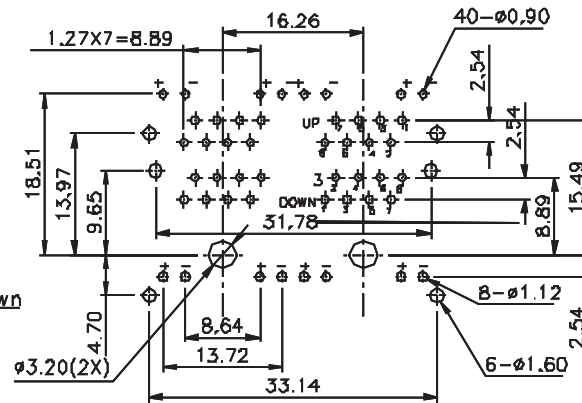




PC Board Layout
Component Side Shown



MATERIAL:

INSULATOR: NYLON 46 (UL94V-0)
CONTACT: 0.35mm Thickness Phosphor Bronze
CONTACT PLATING: Gold Plating Over Nickel

MECHANICAL:

DURABILITY: 500 Mating Cycles Min.

ELECTRICAL:

VOLTAGE RATING: 125 VAC RMS
CURRENT RATING: 1.5A Min.
CONTACT RESISTANCE: 50 milli-Ohm Max.
INSULATION RESISTANCE: 1,000 mega-Ohm Min.
DIELECTRIC STRENGTH: 1000V VAC RMS 60HZ, 1 Min.
OPERATING TEMPERATURE: 0° C to +70° C

HOW TO ORDER

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

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 1: LED 2:
CHOOSE OPTION
FROM TABLE ABOVE

LED OPTION TABLE:

OPTION	FORWARD	REVERSE	TOP & BOTTOM
G	GREEN	—	TOP & BOTTOM
Y	YELLOW	—	TOP & BOTTOM
R	RED	—	TOP & BOTTOM
1	GREEN	ORANGE	TOP & BOTTOM
2	YELLOW	ORANGE	TOP & BOTTOM
3	GREEN	RED	TOP & BOTTOM
4	YELLOW	RED	TOP & BOTTOM
5	GREEN	YELLOW	TOP & BOTTOM
6	YELLOW	GREEN	TOP & BOTTOM
7	RED	GREEN	TOP & BOTTOM
8	RED	YELLOW	TOP & BOTTOM

LED

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

RoHS
COMPLIANT

Rev	Drawn	Checked	Approved	Date
0	D.H.	S.M.	S.M.	03/10/04
A	D.H.	S.M.	S.M.	06/07/04
B	WHS	S.M.	S.M.	09/20/06
C	B.S.	S.M.	S.M.	10/12/07

SCALE: N/A

SMP TECHNOLOGY, INC.

RJ45 GANGED JACK w/ LED, 2x2, w/ PANEL GROUND on
TOP AND SIDES (AMP STYLE)

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

P/N: A3020-04A-ST2-X0C-XX-Z

Pg: 1