



PC Board Layout

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: 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

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

HOW TO ORDER

A 3 0 2 0 - 0 8 I - S T 2 - X 0 B - 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

RoHS
COMPLIANT

Rev	Drawn	Checked	Approved	Date
0	A.M.	S.M.	S.M.	04/01/02
A	A.M.	S.M.	S.M.	07/02/03
B	WHS	S.M.	S.M.	09/15/06
C	B.S.	S.M.	S.M.	10/12/07

SCALE: N/A

GANGED JACK, SIDE ENTRY, w/LED

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

P/N: A3020-08I-ST2-X0B-XX-Z

Pg: 1

SMP TECHNOLOGY, INC.