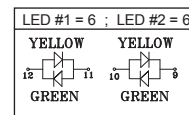
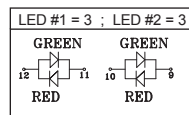
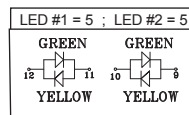
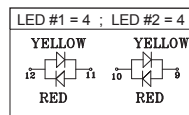
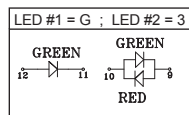
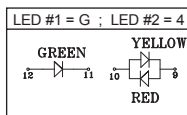


Recommended PCB Layout  
Component Side Shown

#### LED Options



#### ELECTRICAL:

VOLTAGE RATING: 125 VAC RMS.  
CURRENT RATING: 1.5A  
CONTACT RESISTANCE: < 30 mΩ Max.  
INSULATION RESISTANCE: > 1000 MΩ Min. at 500 VDC  
DIELECTRIC WITHSTANDING VOLTAGE:  
1000V (rms) AC 60Hz for 1 Minute  
OPERATING TEMPERATURE: 0° C to +70° C

#### MATERIAL:

HOUSING: PBT+30% G.F. UL94V-0 COLOR-BLACK  
INSERT: PBT+30% G.F. UL94V-0 COLOR-BLACK  
BACK PLATE: PBT+30% G.F. COLOR-BLACK  
SHIELD: 0.25mm Thickness Copper Alloy  
CONTACT: 0.35mm Thickness Phosphor Bronze  
CONTACT PLATING: Gold Plating Over Nickel

#### MECHANICAL:

DURABILITY: 750 Mating Cycles Min.

#### LED

FORWARD VOLTAGE: 2.2 V Typical  
REVERSE VOLTAGE: 5 V Max..

#### HOW TO ORDER:

A 3 0 1 2 - 0 8 S - S T 1 - X 0 X - X X - Z

**NUMBER OF PORTS:** 08

**SHIELD:** S - SHIELDED

**TABS:** ST - SPRING TAB

**LED 1:** Choose Option from Table Above

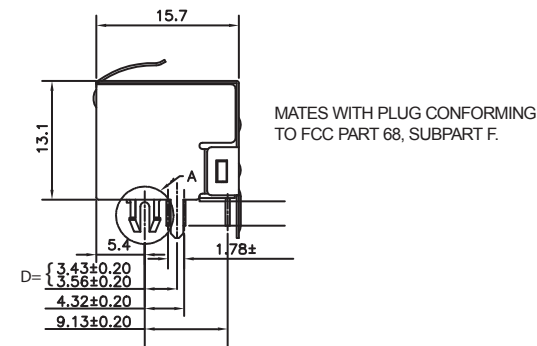
**LED 2:** Choose Option from Table Above

**RoHS COMPLIANT**

**SPRING TAB LOCATION:** 2 - SPRING TABS ON TOP & SIDES

**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

**DIMENSION "D" PCB GROUND TAB LOCATION:**  
B7 - Back 3.56mm; w/2 Rear Tabs ; w/o Center Mounting Post  
B8 - Back 3.56mm; w/2 Rear Tabs ; with Center Mounting Post  
C5 - Back 3.43mm; w/2 Rear Tabs ; w/o Center Mounting Post  
C6 - Back 3.43mm; w/2 Rear Tabs ; with Center Mounting Post



#### 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	SMP TECHNOLOGY, INC.	
0	Issued	A.M.	S.M.	S.M.	04/01/02		
A	Changed Sufix	A.M.	S.M.	S.M.	10/07/03		
B	Added LED Polarity	D.H.	S.M.	S.M.	07/19/04		
C	Updated for RoHS Compliance	B.S.	S.M.	S.M.	10/5/07		
SCALE:n/a						PCB Gang Jack, 8-Port, Shielded, w/LED	
TOL. DEC.	XX +/- 0.15	XXX +/- 0.075	XXXX +/-	ANGLE +/-	UNIT: mm	P/N: A3012 - 08S - ST1 - X0X - XX - Z	Pg: 1