



NOTES:

Mechanical:

1. Housing Material: High temp. plastic UL94V-0 Black
2. Contact Material: Phosphor BronzeC5100 Ø0.46mm
3. Contact Plating: Gold flash over Nickel
4. Shield Material: Copper alloy T=0.20mm
5. Shield Plating: Nickel plated

Electrical:

1. Voltage Rating: 125 VAC RMS
2. Current Rating: 1.5 AMP
3. Contact Resistance: 50mΩ max.
4. Insulation Resistance: 500MΩ min. @ 500VDC
5. Dielectric Withstanding: 1000VAC RMS 50Hz 1 minute
6. LED Ratings: Forward Voltage: 2.2V typical Reverse Voltage: 5V max.

Mechanical:

1. Durability: 750 cycles min.
2. PCB Retention pre-solder: 1 LB min.

Environmental:

1. Storage: -40°C to +85°C
2. Operation: -40°C to +85°C
3. Wave soldering temperature: 255~265°C (5~10Seconds)

Mates with Modular Plug Conforming to FCC part 68, Subpart F.

Packing: Tray

| | |
|--------------------|----------------------|
| LED1 Green 9-10 | LED2 Yellow 11-12 |
|--------------------|----------------------|

RoHS compliant
Unit: mm

| Scale | Free | Customer-No. | |
|-----------|-------|--------------|--------------|
| TOLERANCE | | Date | Name |
| .X | ±0.15 | 17.06.2016 | Amy |
| .XX | ±0.10 | Approved | 17.06.2016 |
| .XXX | ±0.05 | | |
| DIM | TOL | | |
| Angle | ±1.5° | | |
| | | Drawn | Amy |
| | | Id. | Modification |

| | | | | | | | |
|---|---|---|---|---|---|---|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | SV4163 |
|---|---|---|---|---|---|---|--------|