



PCB Layout  
Component Side Shown

**NOTES:**

**ELECTRICAL:**

- 1. VOLTAGE RATING : 125 VAC.
- 2. CURRENT RATING : 1.5 AMP.
- 3. CONTACT RESISTANCE : 30 MILLIOHMS MAX.
- 4. INSULATION RESISTANCE: 1000 MEGOHMS MIN. @ 500 VDC.
- 5. DIELECTRIC STRENGTH : 1000 VAC 60Hz, 1MIN.
- 6. LED RATINGS: FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.  
REVERSE VOLTAGE: 5 VOLTS MAXIMUM.
- 7. OPERATING: 750 CYCLES MIN.

**MECHANICAL:**

- 1. HOUSING MATERIAL : PA9T UL94V-0.
- 2. INSERT MATERIAL : PA9T UL94V-0.
- 3. BACK PLATE MATERIAL : PA9T UL94V-0.
- 4. LED SIZE : 3.05\*1.85\*7.0, P=2.54 mm.
- 5. SHIELD MATERIAL : COPPER ALLOY t=0.25 mm NICKEL PLATING.
- 6. CONTACT MATERIAL : PHOSPHOR BRONZE t=0.35 mm.
- 7. PLATING : CONTACT AREA GOLD PLATING 6u"OVER NICKEL.  
TAILS GOLD FLASH OVER NICKEL.

- 8. PCB RETENTION PRE-SOLDER : 1 LB MIN.
- 9. PCB RETENTION POST-SOLDER: 10 LBS MIN.

**ENVIRONMENTAL:**

- 1. STORAGE : -40°C TO +85°C.
- 2. OPERATION: -40°C TO +85°C.

PACKING:TRAY

**RoHS compliant**  
Unit: mm

Scale	Free
<b>TOLERANCE</b>	
.X	±0.20
.XX	±0.15
.XXX	±0.10
DIM	TOL
Angle	±5°
Id.	

①	Update to new WSW P/N	28.01.2021	Winnie
②	Drawn	16.10.2015	Winnie
Id.	Modification	Date	Name



Customer-No.	
Drawn	Winnie
Date	16.10.2015
Approved	Winnie
Date	28.01.2021
ASSMANN WSW-No. A-MJH-8-DA-GRP-SGG50	
Drawing-No.	
ASS 7027 CO	rev01
Replace	Sheet