



PC Board Layout  
Component Side Shown

- ELECTRICAL:**
- 1. VOLTAGE RATING : 125 VAC RMS.
  - 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 RMS 60HZ, 1MIN.
- MECHANICAL:**
- 1. HOUSING MATERIAL : HIGH TEMP. UL94V-0
  - 2. CONTACT MATERIAL : STANDARD COLOR BLACK.
  - 3. PLATING : PHOSPHOR BRONZE Ø0.46mm.
  - 4. OPERATING LIFE : 750 CYCLES MIN.
  - 5. PCB RETENTION PRE-SOLDER : 1 LB MIN.
  - 6. PCB RETENTION POST-SOLDER : 10 LBS MIN.
- ENVIRONMENTAL:**
- 1. STORAGE TEMPERATURE : -40°C TO +85°C.
  - 2. OPERATION TEMPERATURE : -40°C TO +85°C.
  - 3. WAVE SOLDER TEMPERATURE : 230-250°C(3-5 SECONDS).
- MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

**RoHS compliant**  
Unit: mm



File No.: E345352

Scale	Free						
<b>TOLERANCE</b>							
X.X	±0.20					Drawn	25.09.2008
X.XX	±0.15					Approved	25.08.2015
X.XXX	±0.10	③	Update the contact plating	25.08.2015	Any		
<b>DIM</b>	<b>TOL</b>	②	Update	02.07.2009	Dean		
<b>ANGLE</b>	±5°	①	Drawn	25.09.2008	N.Schulz		
<b>Angle</b>	<b>TOL</b>		Modification				

**ASSMANN**  
components

Date	Name	Customer-No.	Drawing-No.	Replace	Sheet
25.09.2008	N.Schulz				
25.08.2015	Any	ASSMANN WSW-No.	A-20040/LP	ASS 2803 CO	rev03

1 2 3 4 5 6 7

A B C D E F G H