

PCB LAYOUT
RECOMMENDED

SPECIFICATIONS :

MATERIAL:

1. HOUSING MATERIAL: (1)GLASS FILLED PA66(UL94V-0), (2)GLASS FILLED PA46(UL94V-0), (3)GLASS FILLED PBT(UL94V-0).
2. CONTACT MATERIAL: PHOSPHOR BRONZE $\Phi 0.46\text{MM}$.
3. PLATING: GOLD PLATING $Fu''-50u''$ OVER NICKEL.

ELECTRICAL:



1. VOLTAGE RATING: 125Vac RMS .
2. CURRENT RATING: 1.5AMP .
3. CONTACT RESISTANCE: 30m Ω MAX .
4. INSULATION RESISTANCE: 500M Ω MIN @ 500Vdc .
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000Vac RMS 50Hz 1MIN.

MECHANICAL:

1. DURRABILITY : 750 CYCLES MIN.
2. INSETION FORCE: 2.2Kgf MAX.
3. RETENTION STRENGTH : 7.7Kgf MIN BETWEEN JACK AND PLUG.

ENVIRONMENTAL:

1. STORAGE TEMPRATURE : -40° C TO 85° C.
2. OPERATION TEMPRATURE : -40° C TO 70° C.

TOLERANCE		
SCALE	UNIT mm	
DRAW Johnson	DATE 12.7.2021	TITLE
CHECK Elis	REV	SM C04 5445 88 SMT
		DESCRIPTION
		LOW PROFILE TOP ENTRY SMT JACK WITH P&P SURFACE 8P8C