

## RJ45 connector

Mechanical:	REV.	ECN NO.	DESCRIPTION	DATE	APPD
	A6	REL		2023-05-30	

  

**PC Board Layout**

**NOTES:**

**MACHANICAL:**

- HOUSING MATERIAL : GLASS FILLED POLYESTER OR HIGH TEMP. UL94V-0.
- CONTACT MATERIAL : PHOSPHOR BRONZE t=0.35mm.
- PLATING : CONTACT GOLD FLASH  
CONTACT AREA-SELECTIVE GOLD PLATING.  
TAILS-PLATED TIN OVER NICKEL.

**4. OPERATING LIFE** : 750 CYCLES MIN

**5. PCB RETENTION PRE-SOLDER** : 1 LB MIN

**6. PCB RETENTION POST-SOLDER** : 10 LBS MIN

**7. LED SIZE** : 3.2\*2.0\*4.0\*P=2.29mm

**ELECTRICAL:**

- VOLTAGE RATING : 125VAC RMS.
- CURRENT RATING : 1.5AMP
- CONTACT RESISTANCE : 50 MILLIOHMS MAX.
- INSULATION RESISTANCE : 1000MEG OHMS MIN @ 500V DC.
- DIELECTRIC STRENGTH : 1000V AC RMS 60HZ. 1MIN.

**ENVIRONMENTAL:**

- STORAGE : -40°C ~ +85°C.
- OPERATION : -40°C ~ +85°C.

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68, SUBPART F.

  

12 ○ GREEN  
11 ○ LEFT LED

10 ○ YELLOW  
9 ○ RIGHT LED

16 ○ GREEN  
15 ○ LEFT LED

14 ○ YELLOW  
13 ○ RIGHT LED

Emitting Color	λp(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max

X:X ±0.30	APPD:	
X:XX ±0.25	CHKD:	
X:XXX ±0.05	DR:	
ANGLES ±1°	UNIT: mm	TITLE: SIDE ENTRY PCB JACK WITH SHIELD
	SCALE: 2/1	SHEET: 1/1
	REV: A6	DWG NO.: AKP23053018

