



PCB LAYOUT  
COMPONENT SIDE SHOW



**NOTES:**

**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.
6. LED RATINGS: FORWARD VOLTAGE: 2.2 VOLTS TYPICAL.  
REVERSE VOLTAGE: 5 VOLTS MAXIMUM.
7. OPERATING: 750 CYCLES MIN.

**MECHANICAL:**

1. HOUSING MATERIAL : GLASS FILLED POLYESTER OR HIGH TEMP. UL94V-0.
2. INSERT MATERIAL : GLASS FILLED POLYESTER UL94V-0.
3. BACK PLATE MATERIAL : GLASS FILLED POLYESTER UL94V-0.
4. LED SIZE : 7x3.05x1.85, P=2.54mm.
5. SHIELD MATERIAL : COPPER ALLOY 0.25mm THICKNESS NICKEL PLATING
6. CONTACT MATERIAL : PHOSPHOR BRONZE 0.35mm THICKNESS.
7. PLATING : GOLD PLATING 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: 0°C TO 70°C.
  3. WAVE SOLDERING TEMPERATURE: 255~265°C (5~10 SECONDS)
- MATES WITH MODULAR PLUG CONFORMING TO  
FCC PART 68, SUBPART F.

211A-11 X A X-R  
1 2 3 4 5

- 1.No. of Contact  
11:1X1 Port
- 2.Contact Plating  
A:Gold Flash  
C:5u" Gold Plating  
E:15u" Gold Plating  
G:30u" Gold Plating
- 3.EMI Tab  
A:with EMI Tab
- 4.LED  
A:Y(LED2)+G(LED1)  
B:G(LED2)+Y(LED1)
- 5.RoHS

Contact Signal

- 1 Upward Data+ (positive for HI signal)
- 2 Upward Data.V (negative for HI signal)
- 3 Downward Data+ (positive for HI signal)
- 4 not used by 1BASE5
- 5 not used by 1BASE5
- 6 Downward Data.V (negative for HI signal)
- 7 reserved
- 8 reserved

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANG.	±5°
0.	±0.3
.0	±0.25
.00	±0.20

SCALE: AS SHOWN UNIT: mm

DRAWN Willis 2008/5/22

CHECKED / /

APPROVED / /

DATE SIZE A4 REV.

**Allconnectors**

www.allconnectors.eu | info@allconnectors.eu  
Tel. +49 (0)711 / 358 110 20 | Fax +49 (0)711 / 358 110 25

DRAWN NAME:  
RJ45 Jack Shielded Type with LED

PRODUCT NO. 211A-11XAX-R

FILE NAME: 211A-11XAX-R

REV.	DESCRIPTION	DATE	SIZE	REV.
1			A4	