



- 10/100 Base-T
- Designed to meet IEEE802.3af
- PoE up to 350mA
- RJ45 jack cavity conforms to FCC rules and regulations Part 68, SUB Part F
- Industrial Temp: -40°C to +85°C

Electrical Specifications @ 25°C

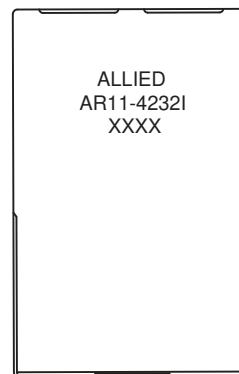
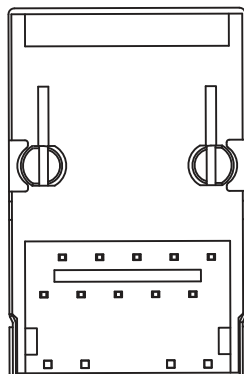
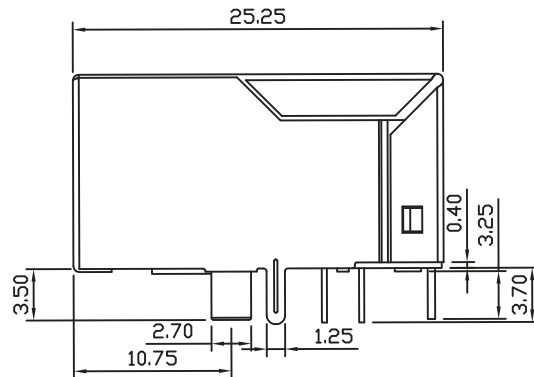
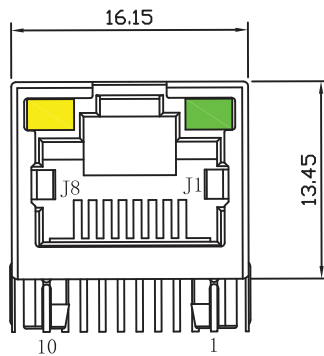
Part Number	OCL(uH Min) @ 100kHz, 100mVac	Turns Ratio chip: cable (± 2%)	Cross Talk (dB Min)	HI-POT
	With 8mA DC Bias		1-100MHz	
AR11-4232I	350	1CT:1CT	-35	1500VAC

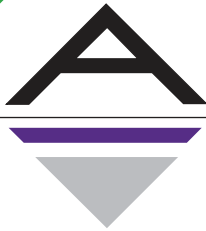
Electrical Specifications @ 25°C

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				CMR (dB Min)
		1-30MHz	30-45MHz	45-60MHz	60-80MHz	
AR11-4232I	-1.0	-18	-16	-14	-12	-35

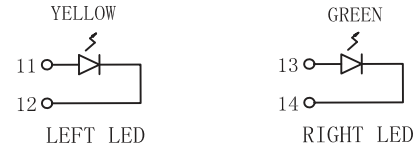
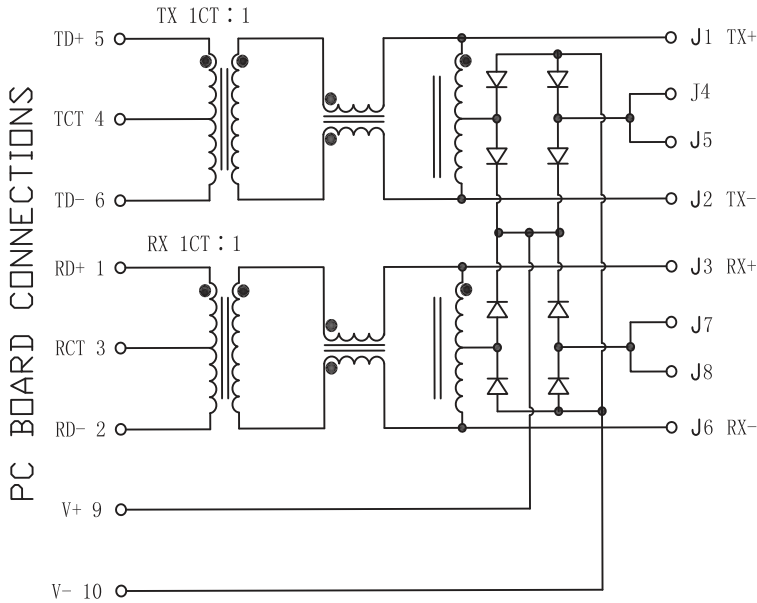
All specifications subject to change without notice.

MECHANICAL



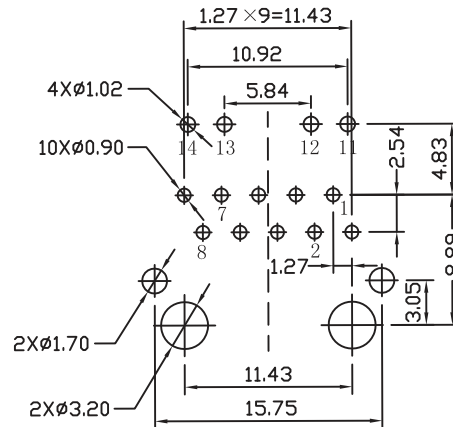


SCHEMATICS



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

PCB LAYOUT



NOTES

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:
 Housing: Thermoplastic PBT+30%G.F UL94V-0
 Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
 Pins: Brass C2680R-H Thickness=0.35mm
 Shield: SUS 201-1/2H Thickness=0.2mm
 Contact plating: Gold 6 micro-inches min. In contact area.