



16.2 x 13.55 x 25.3mm

RoHS/RoHS II Compliant

APPLICATIONS:

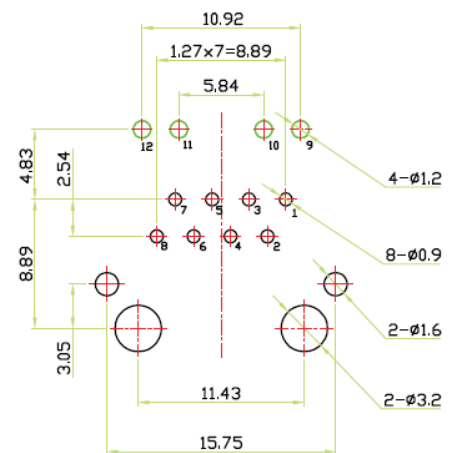
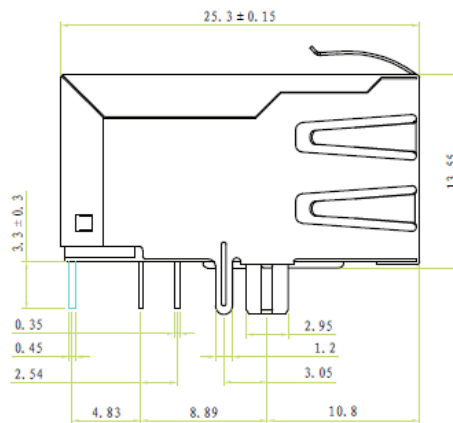
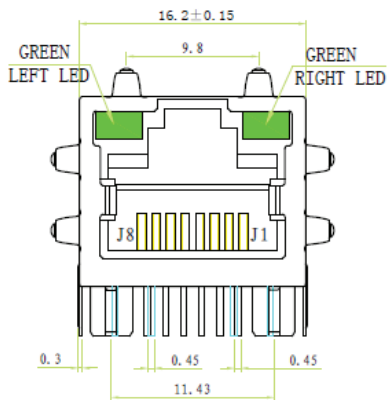
- Designed for most leading PHY IC manufacturers such as Broadcom, Marvell, Microsemi.
- Supports 10/100 Base-T Applications
- Provides signal conditioning, EMI suppression and signal isolation.

Operating temperature range: 0°C to +70°C Storage temperature range: -25°C to +85°C

Storage temperature range: -25°C to +85°C

Parameters	Minimum	Typical	Maximum	Units	Notes
Turn Ratio (±3%)	1CT:1CT				Tx and Rx
Inductance	350			uH	100kHz/0.1V@8mA
Insertion Loss			-1.0	dB	1-100MHz
Return Loss	-18			dB	1-10MHz
	-16				10-30MHz
	-14				30-60MHz
	-12				60-80MHz
	-10				80-100MHz
CMR	-35			dB	1-100MHz
Crosstalk	-35			dB	1-100MHz
Hipot	1500Vrms/1mA/1s				

Recommended Land Pattern



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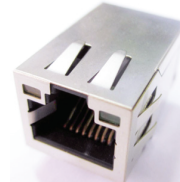
Visit www.abracon.com for Terms & Conditions of Sale **Revised: 12.23.13**
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Revised: 12.23.13

10/100 Base-Tx Tap Up RJ45 with LED

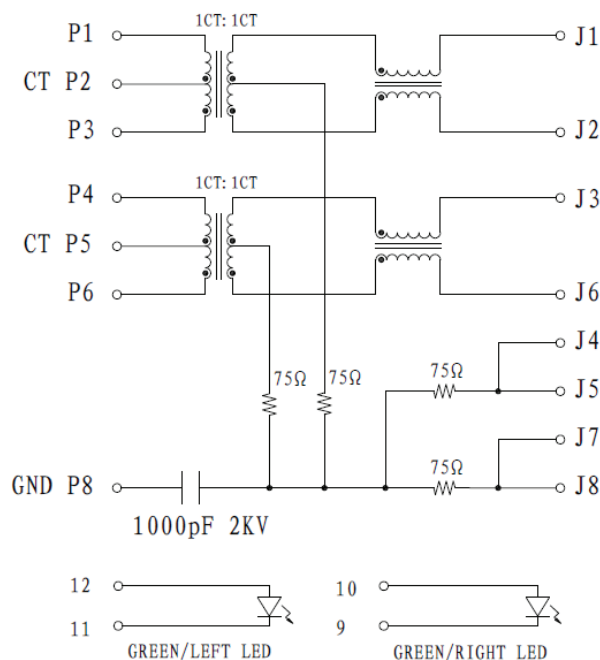
ARJC01-111002T

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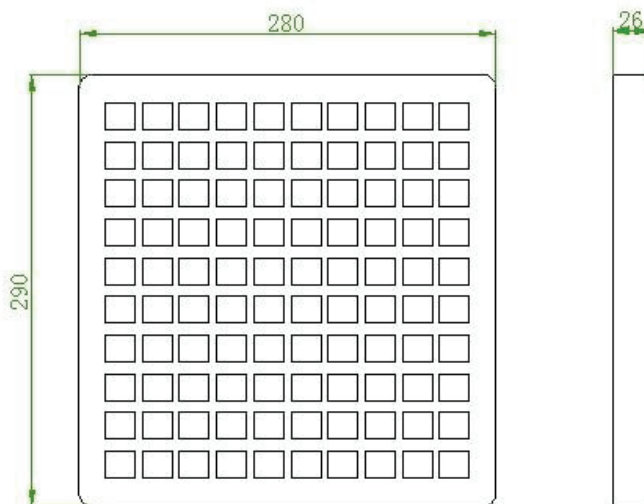
SCHEMATICS



- ◆CAPACITOR: 1000pF ± 25% 2KV.
- ◆RESISTANCE: 75OHMS ± 20%.
- ◆RESISTANCE OF COIL: 1.80HMS MAX, 0.250HMS MIN.

PACKING:

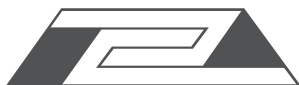
Packing: (100pcs/tray)



Dimensions: mm

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