10/100 Base-Tx Tap Up RJ45 with LED

ARJC01-111002T

RoHS/RoHS II Compliant



16.2 x 13.55 x 25.3mm

FEATURES:

- Compliant with IEEE802.3 standard
- 350uH minimum OCL with 8mA bias current
- High performance for maximum EMI suppression
- High reliability – 750 mating/unmating cycles

APPLICATIONS:

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

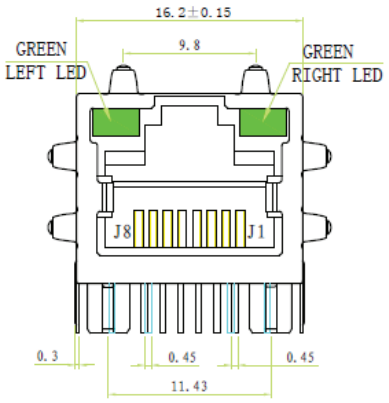
STANDARD SPECIFICATIONS

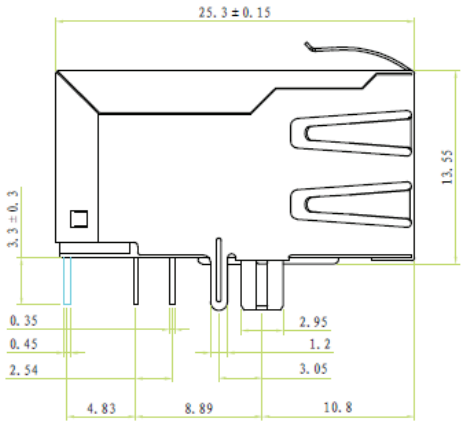
Operating temperature range: 0ºC to +70ºC **Storage temperature range: -25ºC to+85ºC**

Standard Electrical Specifications @25°C

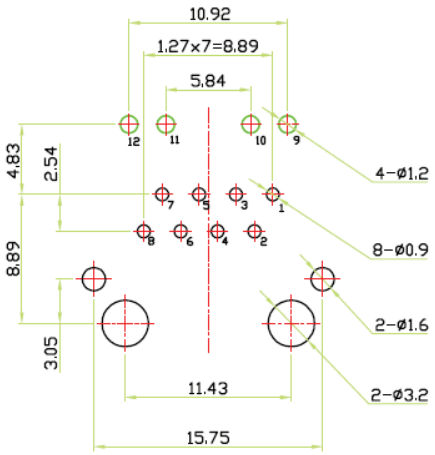
Parameters	Minimum	Typical	Maximum	Units	Notes
Turn Ratio (±3%)		1CT:1CT			Tx and Rx
Inductance	350			uH	100kHz/0.1V@8mA
Insertion Loss			-1.0	dB	1-100MHz
Return Loss	-18			dB	1-10MHz
	-16				10-30MHz
	-14				30-60MHz
	-12				60-80MHz
	-10				80-100MHz
CMR	-35			dB	1-100MHz
Crosstalk	-35			dB	1-100MHz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

MECHANICAL DIMENSIONS





Recommended Land Pattern



Dimensions: mm

30332 Esperanza, Rancho Santa Margarita, California 92688
tel 949-546-8000 | fax 949-546-8001 | www.abracon.com

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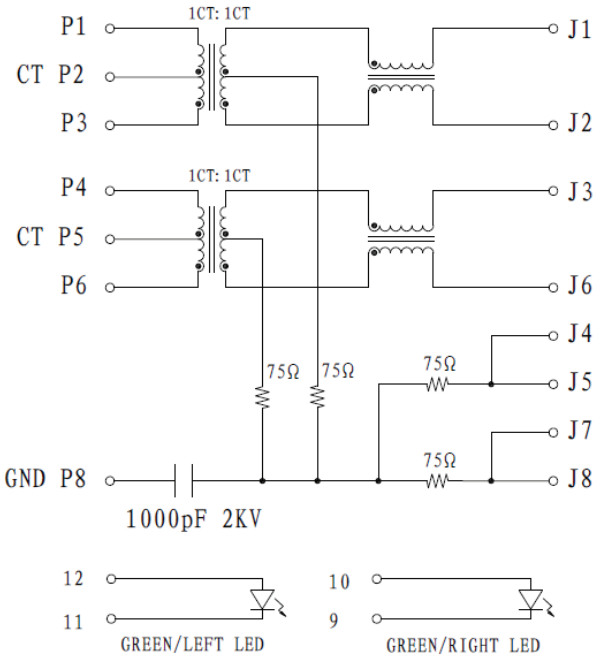
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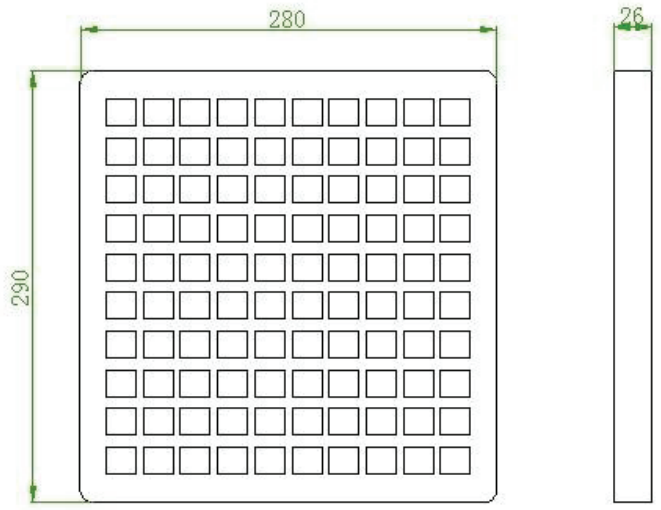
SCHEMATICS



◆CAPACITOR: 1000pF ±25% 2KV。
◆RESISTANCE: 75OHMS ±20%。
◆RESISTANCE OF COIL: 1.8OHMS MAX, 0.25OHMS MIN。

PACKING:

Packing: (100pcs/tray)



Dimensions: mm

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