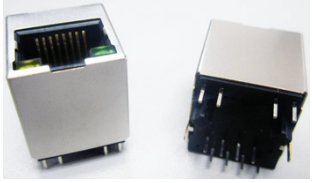
Vertical 10/100 Base-Tx Tap Up RJ45 with LED

ARJC07-111071A

RoHS/RoHS II Compliant



15.9 x 16.4 x 16.6mm

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

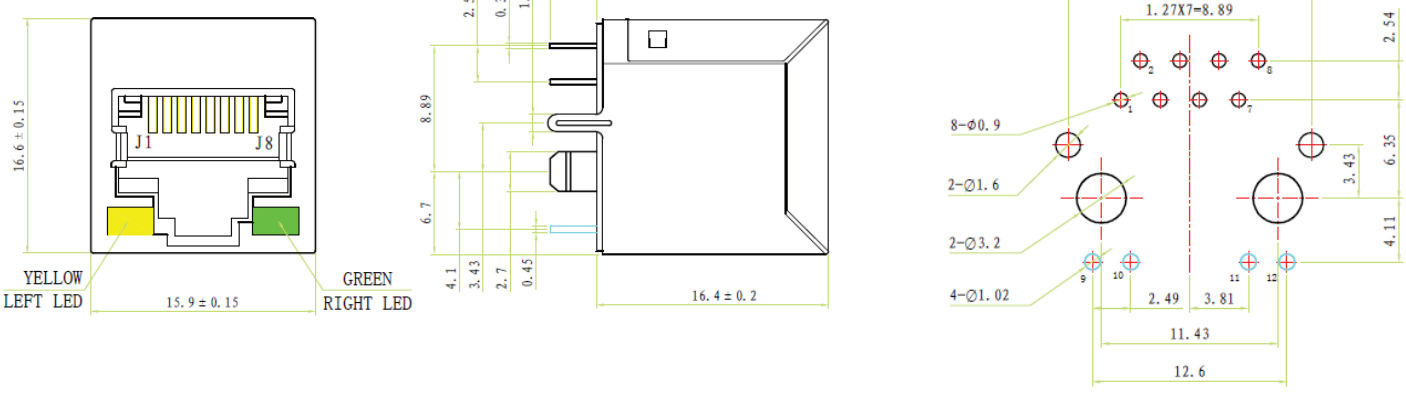
Operating temperature range: 0ºC to +70ºC **Storage temperature range: -25ºC to+85ºC**

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



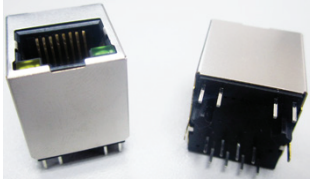
Dimensions: mm

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

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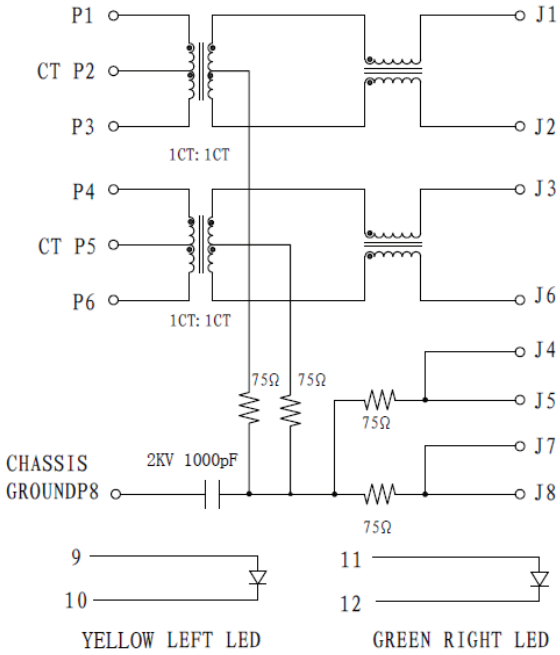
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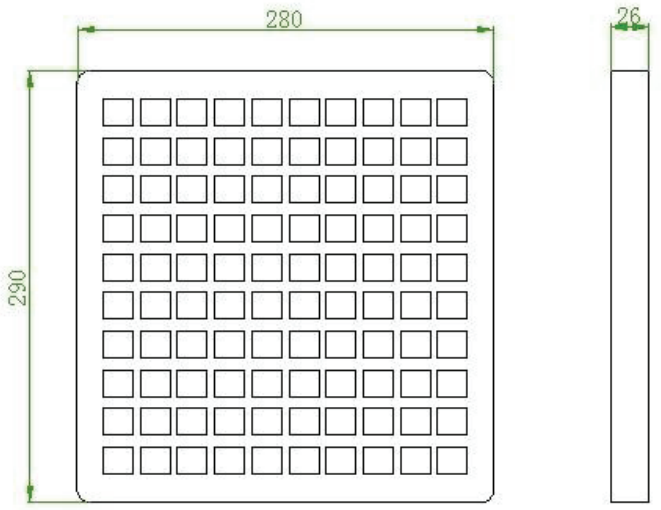
SCHEMATICS



◆CAPACITOR: 1000pF ± 25% 2KV。
◆RESISTANCE: 75OHMS ± 2%。
◆RESISTANCE OF COIL: 1.8OHMS MAX, 0.25OHMS MIN。
◆LEFT LED COLOR: YELLOW; RIGHT LED COLOR: GREEN。

PACKING:

Packing: (100pcs/tray)



Dimensions: mm

ATTENTION: Abracon Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. Abracon's products are not specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any application requiring high reliability where component failure could result in loss of life and/or property. For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from Abracon Corporation is required. Please contact Abracon Corporation for more information.

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