RJ45, Single Port, Tap Up, Thru-Hole, 100 Base-T

ARJE-0031

RoHS/RoHS II Compliant

17.10 x 13.74 x 25.78mm

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:

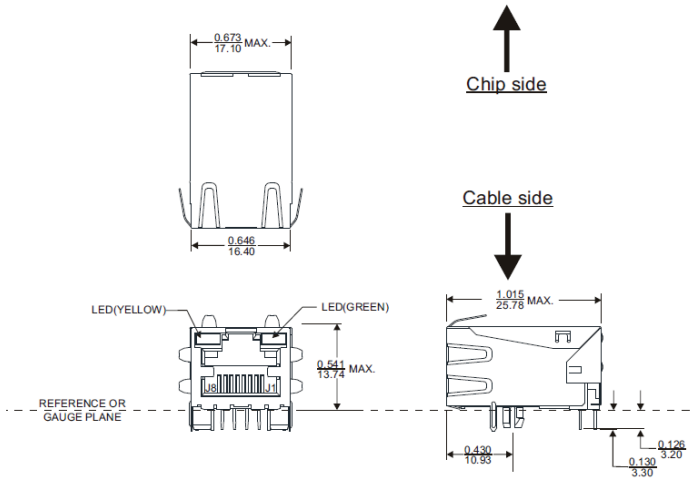
- Designed for most leading PHY IC manufacturers such as Broadcom, Marvell, Microsemi.
- Supports 10/100 Base-T applications
- Provides signal conditioning, EMI suppression and signal isolation

STANDARD SPECIFICATIONS

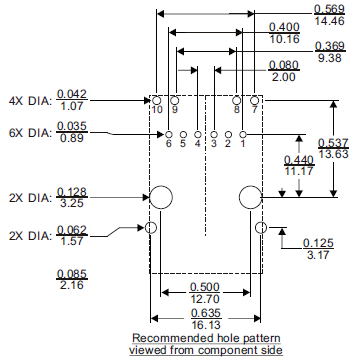
Operating temperature range: 0ºC to +70ºC Storage temperature range: -40ºC to+85ºC

Parameters	Minimum	Typical	Maximum	Units	Notes
Turn Ratio (±3%)	1CT:1CT				
Inductance	350			uH	100kHz, 0.1Vrms, 8mADC
Insertion Loss			-1.0	dB	0.1-100MHz
Return Loss	-16.0			dB	1-30MHz
	-14.5				30-60MHz
	-12.0				80MHz
Crosstalk	-30.0			dB	0.1-100MHz
CMRR	-30.0			dB	0.1-100MHz
Hipot	1500Vrms				Pri to Sec

MECHANICAL DIMENSIONS



Recommended Land Pattern



Dimensions: inch/mm (Unless otherwise specified, all tolerances are ±0.01/0.25)

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

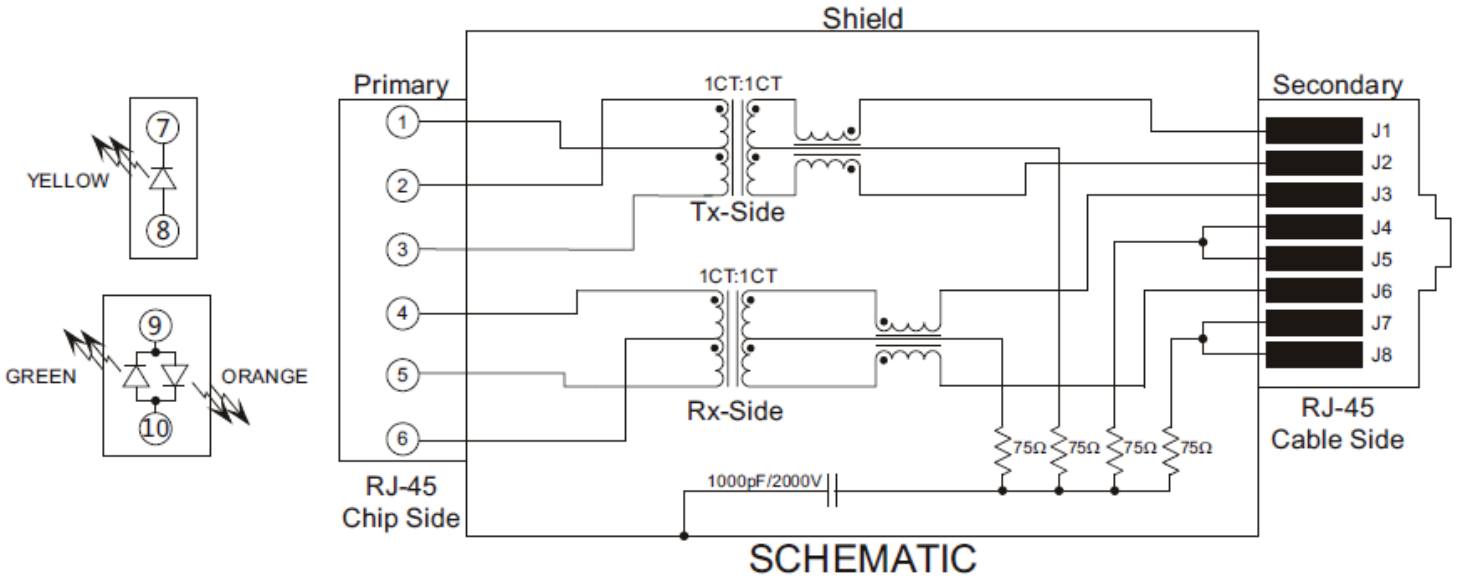
RJ45, Single Port, Tap Up, Thru-Hole, 100 Base-T

ARJE-0031

RoHS/RoHS II Compliant

17.10 x 13.74 x 25.78mm

SCHEMATICS



SCHEMATIC

LED SPECIFICATION @20mA FORWARD CURRENT

Color	GREEN	YELLOW	ORANGE
Wavelength	570nm Typ	590nm Typ	610nm Typ
Forward Voltage	2.2V Typ	2.1V Typ	2.05V Typ

Packing: 50pcs/tray

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.

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Modular Connectors / Ethernet Connectors ***category:***

Click to view products by ABRACON ***manufacturer:***

Other Similar products are found below :

8949-H88/06BLKA/SN 74441-0010/BKN MP1010RX-1000 MP44RX-1000 PHP-6P6C-5 GAX-3-66 GAX-8-62 GDCX-PA-66-50 GDCX-PN-64 GDCX-PN-66 GDCX-PN-66-50 GDLX-A-66 GDLX-N-66 GDLX-S-66 GDLX-S-88K GDTX-S-88-50 GDX-PA-1010 GLX-N-1010M-BLK GLX-S-88M-BLK GMX-N-1010 GMX-S-1010 GMX-S-66 GMX-SMT4-N-88 GPX-2-64 GSGX-N-2-88 GSGX-N-4-88 GSX-NS2-88-3.05 GSX-NS2-88-3.05-50 GSX-NS-88-3.05-50 PT-108A-8C-UL PT-J951-8C PTS-J531-8CS-50UL 1-1775629-2 A-2014-0-4 GWLX-S-88-GR GWLX-S9-88-YG DC-1021-8-WH-6 1300530003 1324640-4 RJ11FTVC2G RJ11FTVC2N RJFTVX2SA1G 132764-001 1413235 MP88X-1000 MPS88RX-5000 MRJR-5481-0F2 E5288-S000K3-L E5908-15A242-L 155302-001