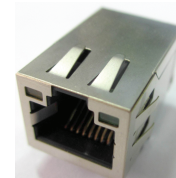


RJ45, Single Port, Tap Up, Thru-Hole, 1000 Base-T

ARJE-0030

RoHS/RoHS II Compliant



16.89 x 13.74 x 33.02mm

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:

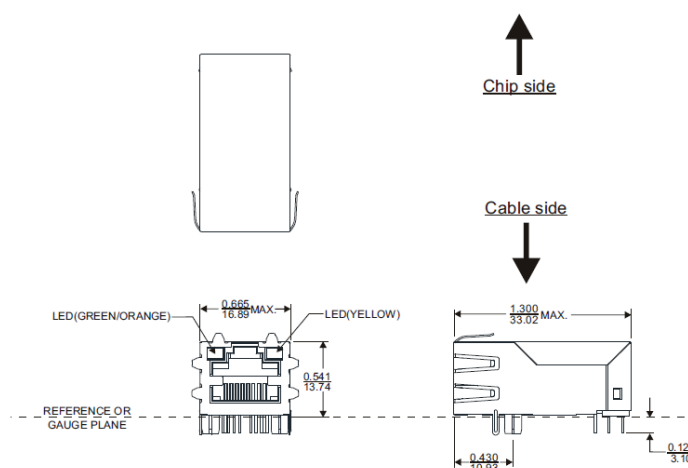
- Designed for most leading PHY IC manufacturers such as Broadcom, Marvell, Microsemi.
- Supports 10/100/1000 Base-T applications
- Provides signal conditioning, EMI suppression and signal isolation

STANDARD SPECIFICATIONS

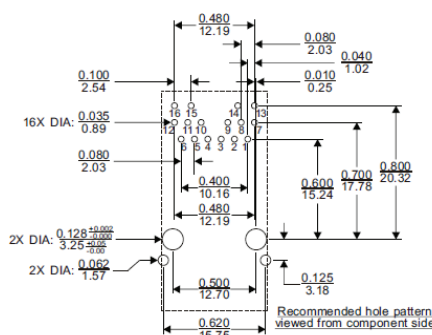
Operating temperature range: 0°C to +70°C Storage temperature range: -40°C to +85°C

Parameters	Minimum	Typical	Maximum	Units	Notes
Turn Ratio ($\pm 3\%$)	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

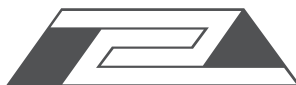


Recommended Land Pattern



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

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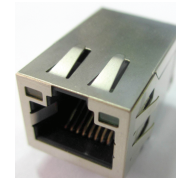
Visit www.abracon.com for Terms & Conditions of Sale
30332 Esperanza, Rancho Santa Margarita, California 92688
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Revised: 11.01.13

RJ45, Single Port, Tap Up, Thru-Hole, 1000 Base-T

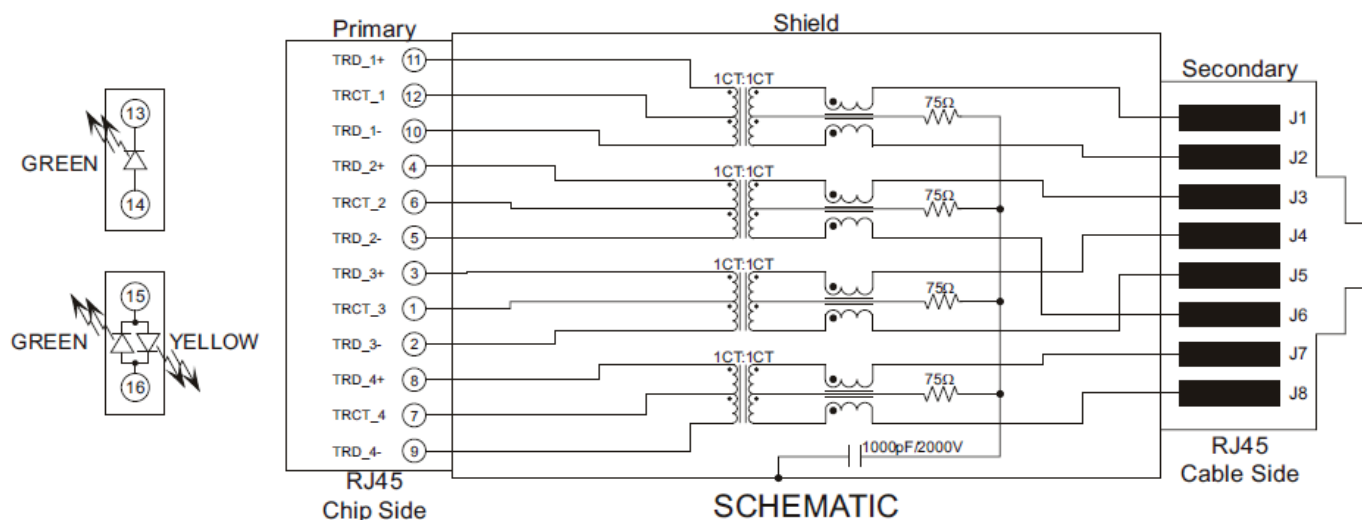
ARJE-0030

RoHS/RoHS II Compliant



16.89 x 13.74 x 33.02mm

SCHEMATICS



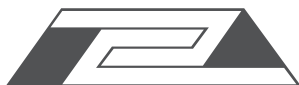
LED SPECIFICATION @20mA FORWARD CURRENT

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

Packing: 120pcs/tray

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Revised: 11.01.13

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