



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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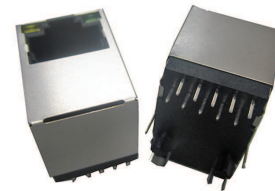
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Vertical RJ45 1000 Base-T Single Port, w/ LEDs, Extended Temperature

ARJ-148

RoHS/RoHS II Compliant



16.9 x 15.9 x 23.2mm

FEATURES:

- Compliant with IEEE802.3 standard
- Designed for Network Interface Cards(NIC), LAN-on-Motherboard(LOM) and PC applications Ethernet Switch, Servers, & Access Point Routers
- High performance for maximum EMI suppression
- 350μH minimum OCL with 8mA bias current
- RoHS peak wave solder temperature 260°C

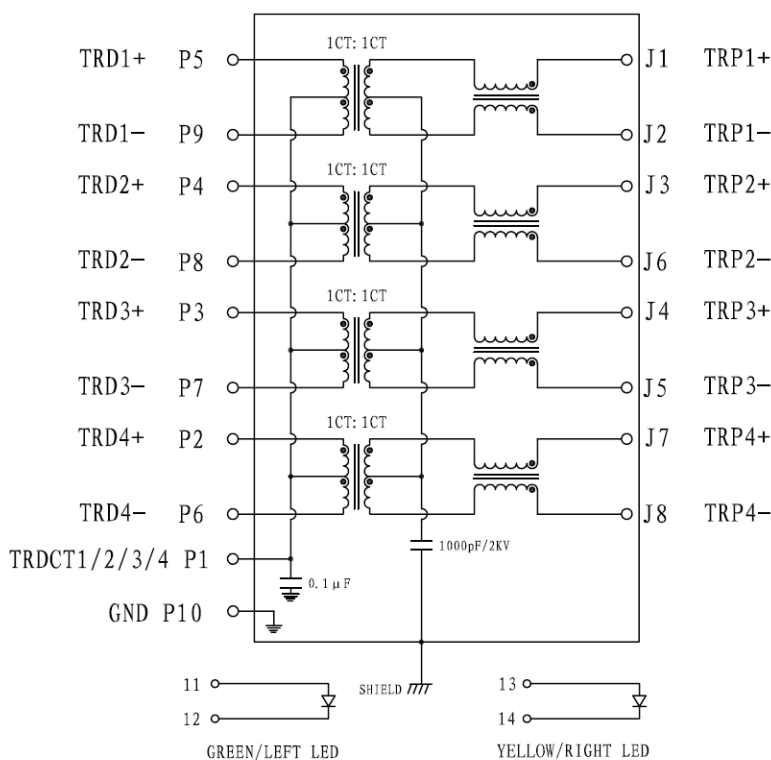
APPLICATIONS:

- Support 1000 Base-T applications w/ Bi-Color LEDs
- Vertical Mount with wide temperature range(-40°C~85°C)
- Applicable for Ethernet Switch, Servers, & Access Point Routers
- Provides signal conditioning, EMI suppression and signal isolation

STANDARD SPECIFICATIONS

Parameters	Minimum	Typical	Maximum	Units	Notes
Operating Temperature	-40		+85	°C	
Storage Temperature	-40		+85	°C	
Turn Ratio (± 3%)	1CT:1CT				Tx
	1CT:1CT				Rx
Inductance (OCL)	350			μH	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
Cross Talk	-35			dB	1-100MHz
CMR	-35			dB	1-100MHz
Hi-Pot	1500Vrms/1mA/1Sec				Pri to Sec

SCHEMATICS



ABRACON IS
ISO 9001:2008
CERTIFIED

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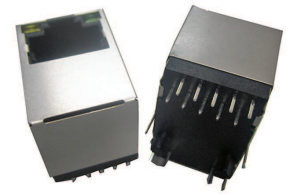
2 Faraday, Suite# B | Irvine | CA 92618 Revised: 07.23.15
Ph. 949.546.8000 | Fax. 949.546.8001

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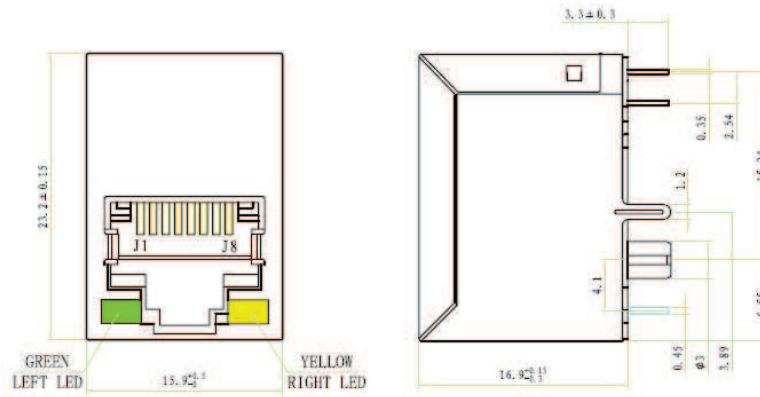
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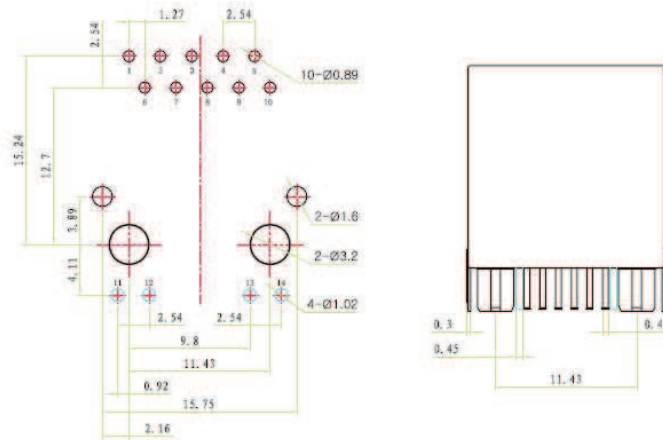


16.9 x 15.9 x 23.2mm

MECHANICAL DIMENSIONS

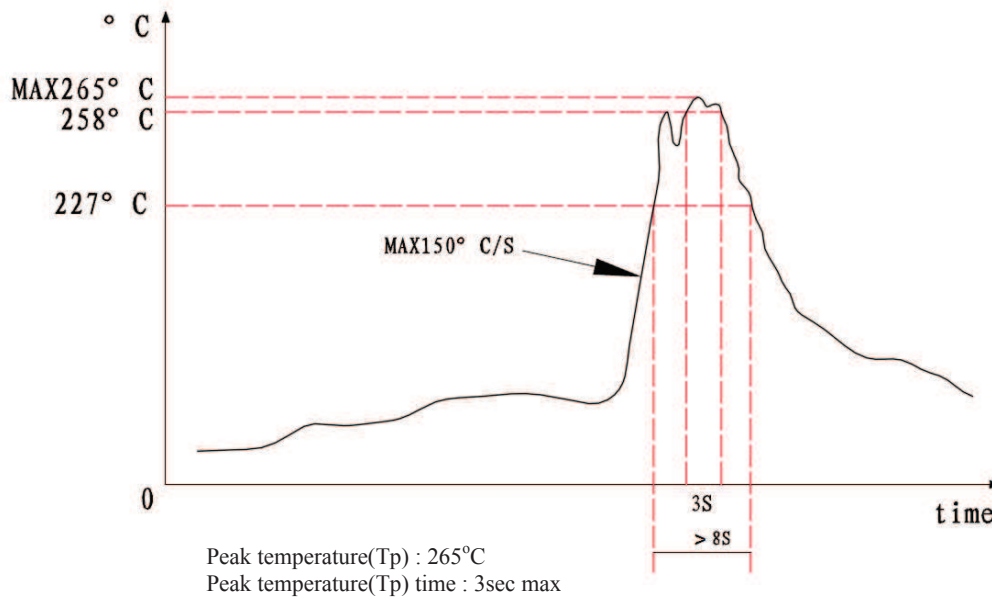


Recommended Land Pattern



Dimensions: mm

DIP WAVE SOLDERING PROFILE



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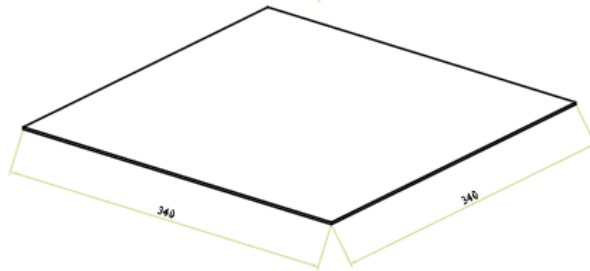
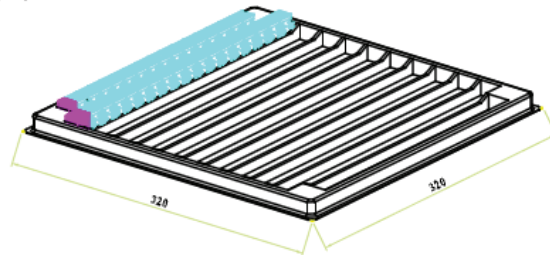
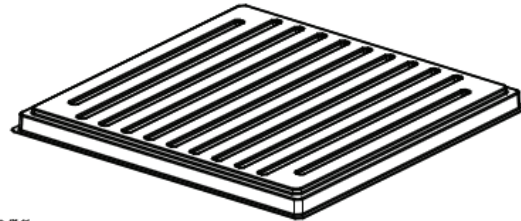
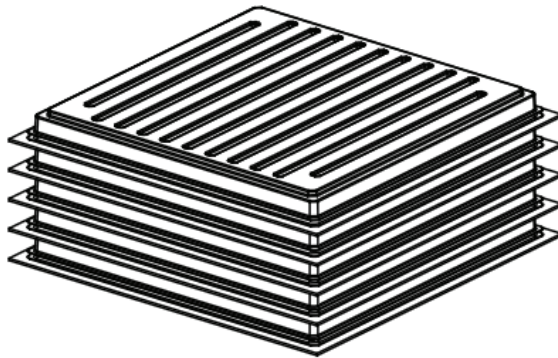
16.9 x 15.9 x 23.2mm

PACKAGING:

Packing: 200pcs/tray
Weight: 7.19 grams / pcs

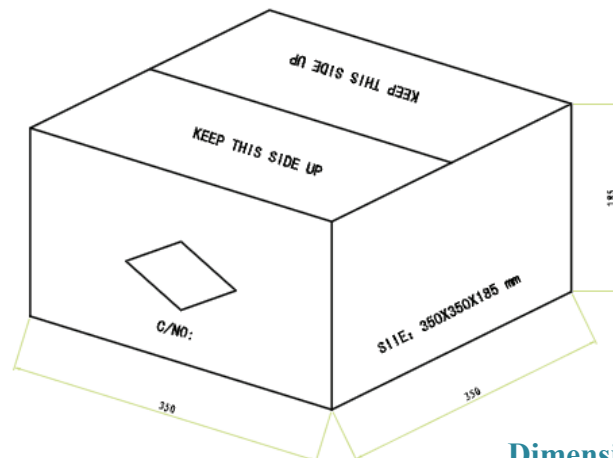
Packing Material: PC Plastic

1. Inner Package: L=320mm; W=320mm; H=20mm;
2. There are 12 slot grids on the tray and There are 15Pcs In the two terminal slot grids, there are 17PCS in 12 middle slot grids.
3. Paste ROHS label and barcode label.
4. Material: PC Plastic.



Outer carton unit (optional): 1000 pcs/5 trays/box

1. Package Box : L=350mm; W=350mm; H=185mm;
2. Package Box contain 5 PCS inner package Trays.
3. Material: US CARD+kraft papers.
4. There are 1000PCS products in the Package Box.



Dimensions: cm

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