## RJ45 1000Base-T, 1X2, Tab Up w/ LEDs (Green, Green), Extended Temperature

ARJ-202A

### **RoHS/RoHS II Compliant**



31.20 x 13.55 x 25.45mm

#### > FEATURES:

- Compliant with IEEE802.3 standard
- Tab up RJ45 Jack 1 X 2
- High performance for maximum EMI suppression
- 350µH minimum OCL with 8mA bias current
- RoHS peak wave solder temperature 260°C

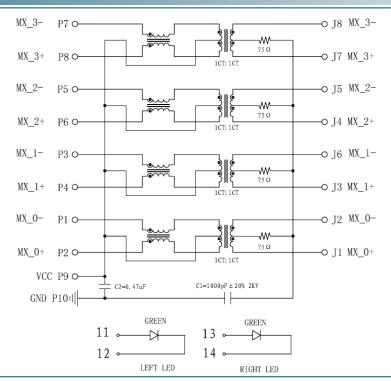
### > APPLICATIONS:

- Support 1000 Base-T AutoMDIX application with LEDs
- Wide temperature range(-25°C~70°C)
- Ethernet Switches, Hubs, LAN-on-Motherboard(LOM) and ADSL
- Suitable CAT 3, 5e & 6 cable and UTP
- 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			μН	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	-40			dB	1-30MHz
	-35				30-60MHz
	-30				60-100MHz
CMR	-35			dB	1-100MHz
Hi-Pot	1500Vrms/1mA/1Sec				Pri to Sec

### **SCHEMATICS**



ABRACON IS ISO 9001:2008 CERTIFIED



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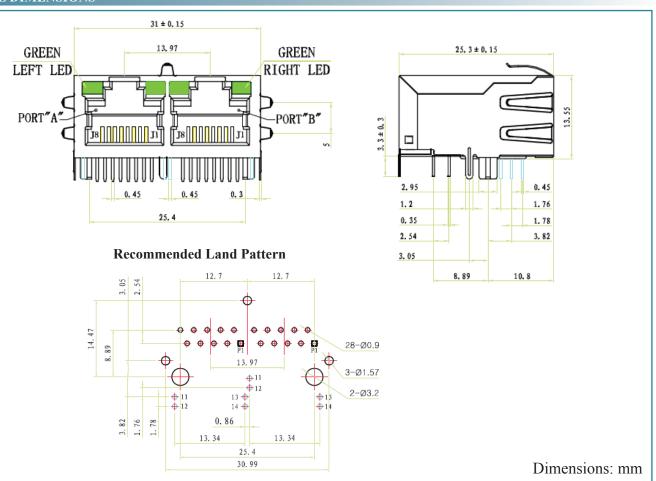
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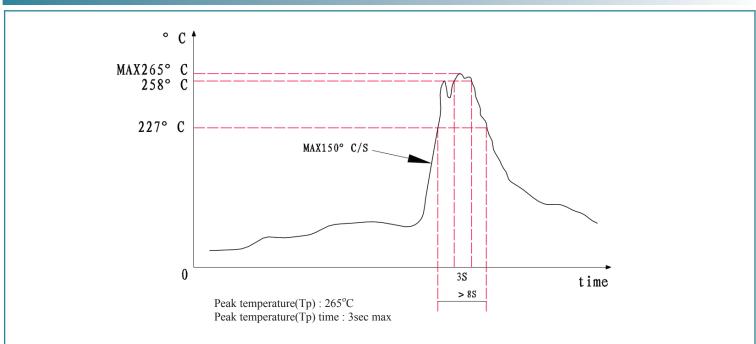


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### MECHANICAL DIMENSIONS



### DIP WAVE SOLDERING PROFILE



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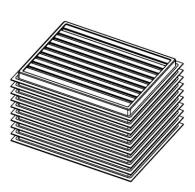
### **PACKING:**

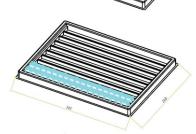
Packing: 90 pcs/tray

Weight: 12.75 grams /pcs

**Packaging Material: PC Plastic** 

Plastic vacuum packaging bag 480mm \* 320mm

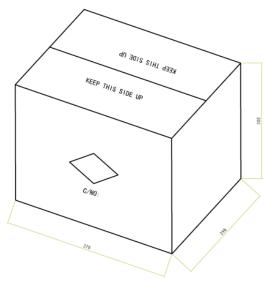




- . Inner Package: L=345mm; W=260mm; H=20mm;
- There are 10 slot grids on the tray and There9 Pcs In the slot grids.
- 3. Paste ROHS label and barcode label. 4. Material: PC Plastic.



### Outer carton unit (optional): 900 pcs/10 trays/box



- 1. Package Box : L=370mm; W=290; H=300mm;
- 2. Package Box contain 10 PCS inner package Trays.
- 3. Material: US CARD+kraft papers.
- 4. There are 900 Pcs products in the Package Box.

**Dimensions:** cm

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