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

ARJ-202C

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

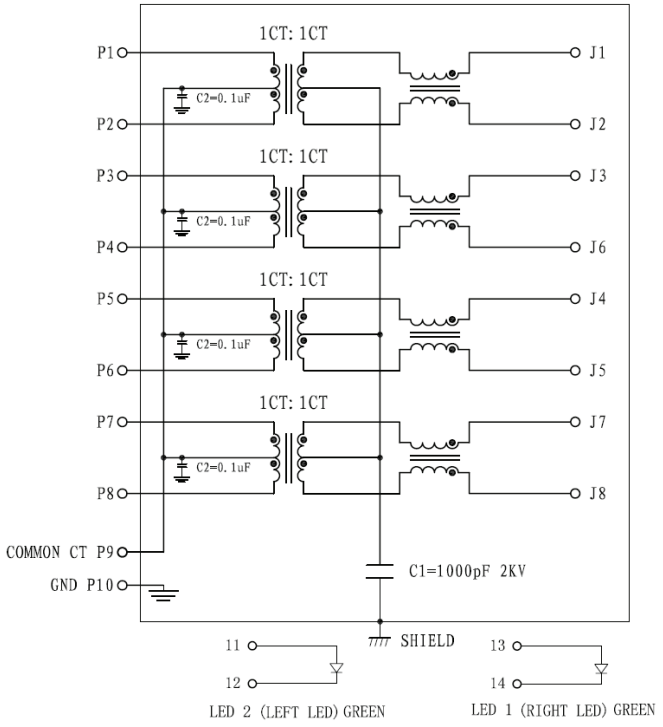
APPLICATIONS:

- 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			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	-40			dB	1-30MHz
	-35				30-60MHz
	-30				60-100MHz
CMR	-35			dB	1-100MHz
Hi-Pot	1500Vrms/1mA/1Sec				Pri to Sec

SCHEMATICS



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Phone: 512-371-6159 | Fax: 512-351-8858
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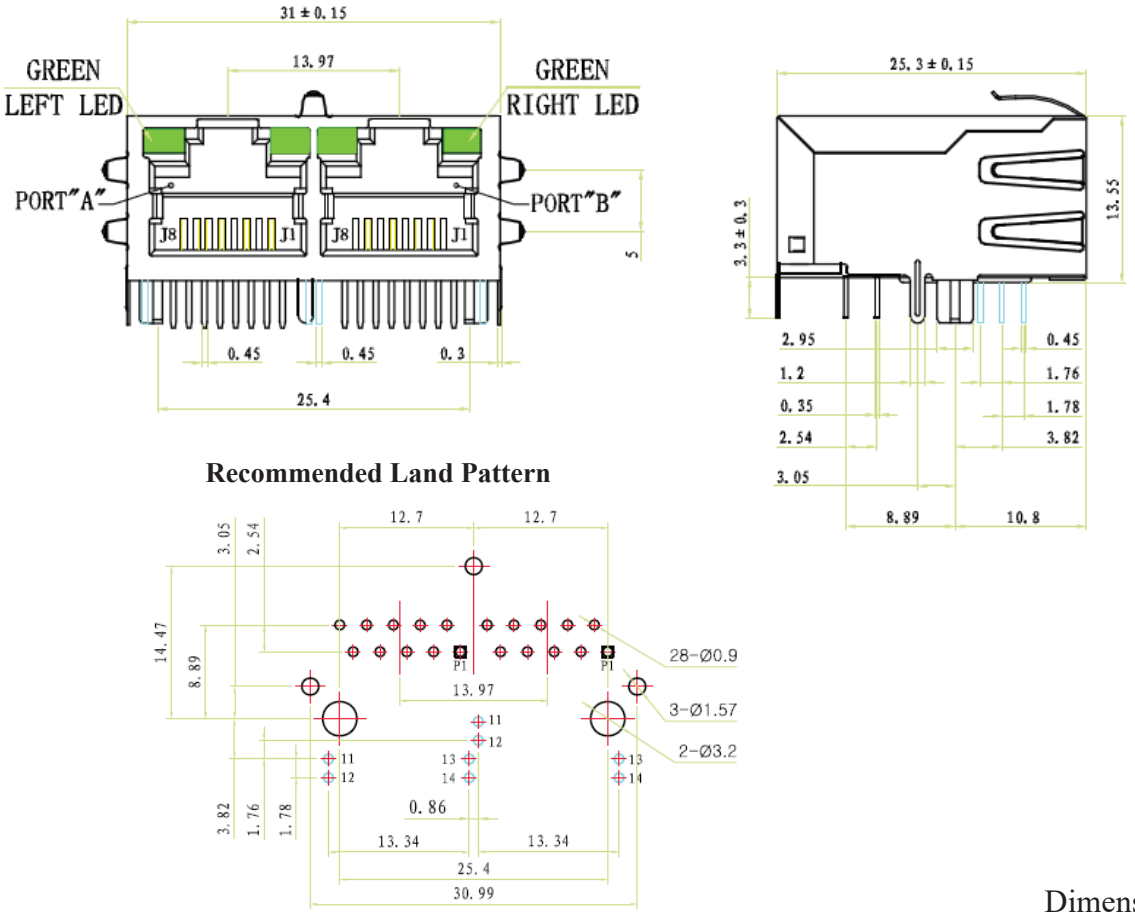
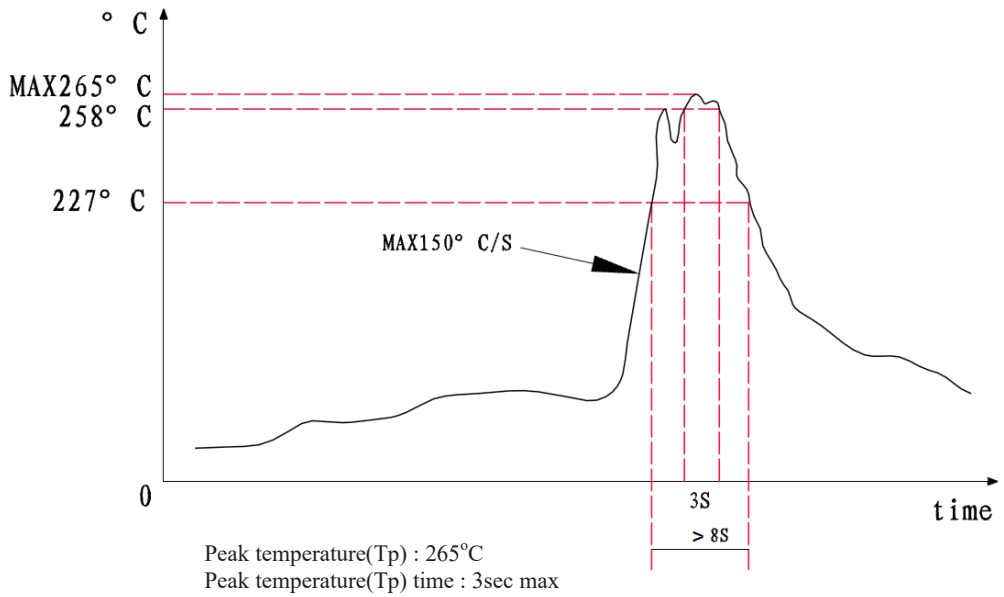
MECHANICAL DIMENSIONS



Recommended Land Pattern

Dimensions: mm

DIP WAVE SOLDERING PROFILE



Peak temperature(Tp) : 265°C
Peak temperature(Tp) time : 3sec max

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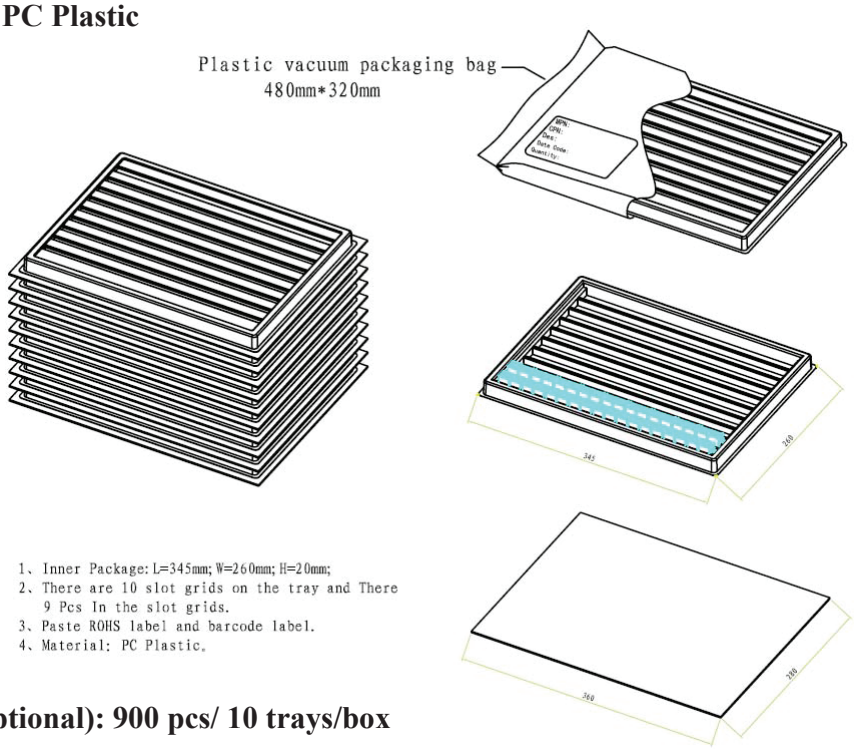
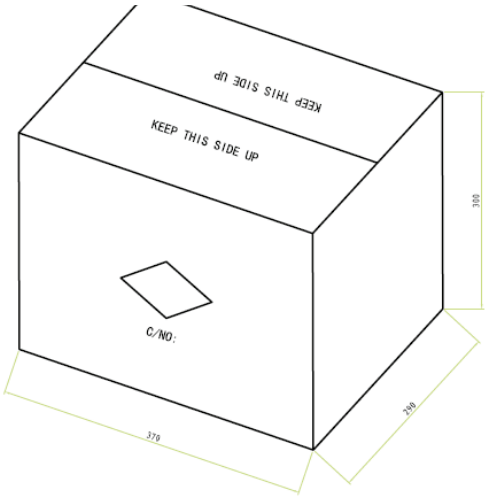
PACKING:

Packing: 90 pcs/tray
Weight: 12.75 grams/pcs

Packaging Material: PC Plastic



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



Dimensions: cm

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