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

ARJ-202B

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
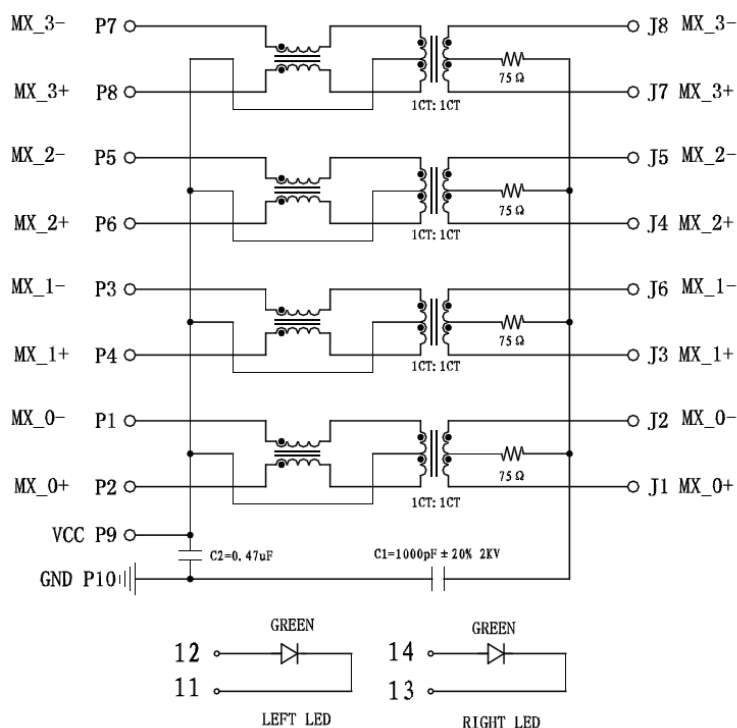
ABRACON LLC

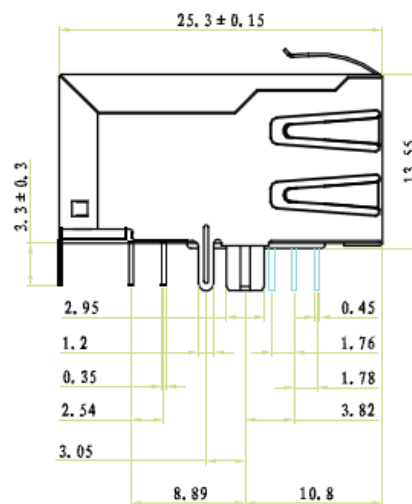# RJ45 1000Base-T, 1X2, Tab Up w/ LEDs (Green, Green), Extended Temperature
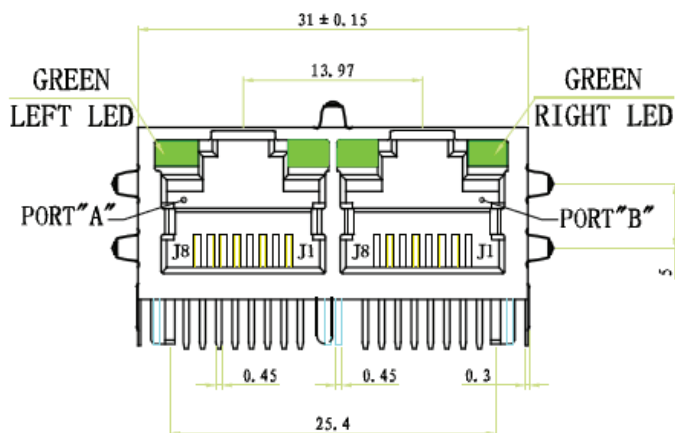
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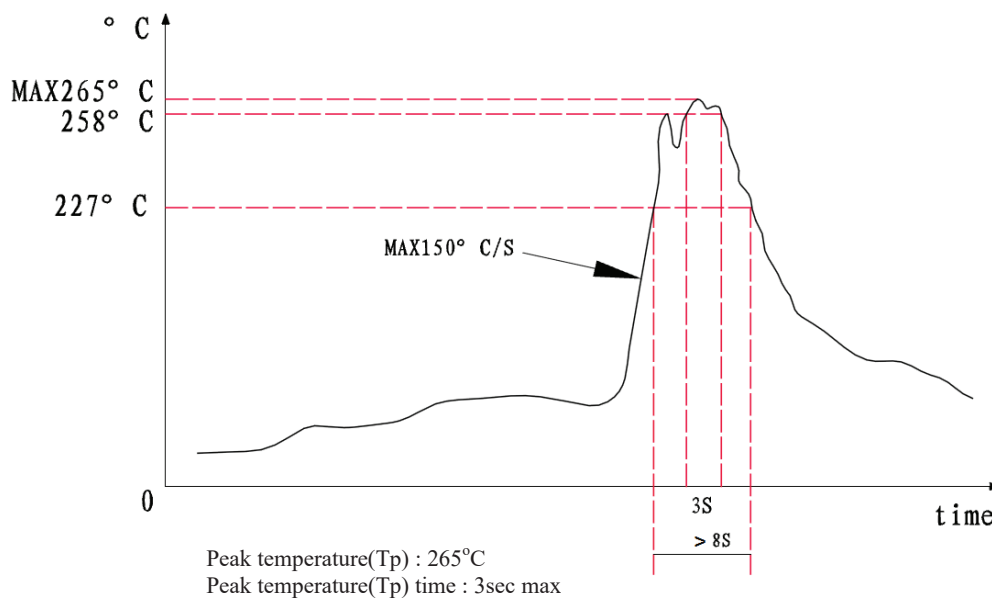31.20 x 13.55 x 25.45mm

MECHANICAL DIMENSIONS

Recommended Land Pattern
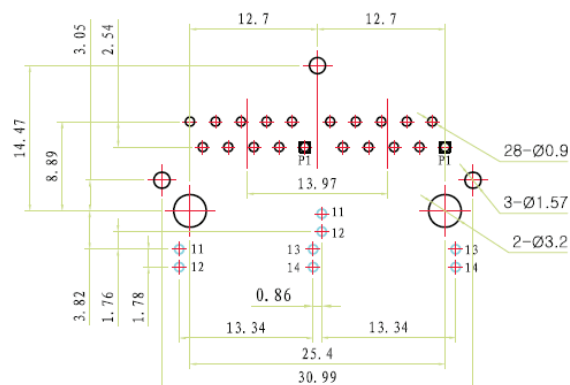
Dimensions: mm

DIP WAVE SOLDERING PROFILE

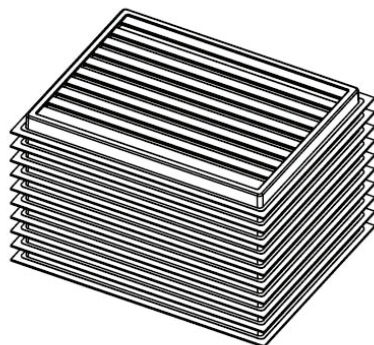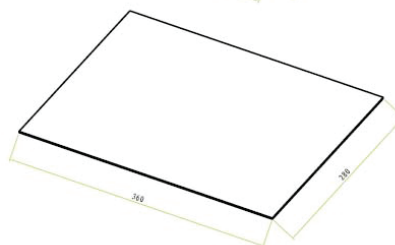Peak temperature(Tp) : 265°C
Peak temperature(Tp) time : 3sec max

PACKING:

Packing: 90 pcs/tray
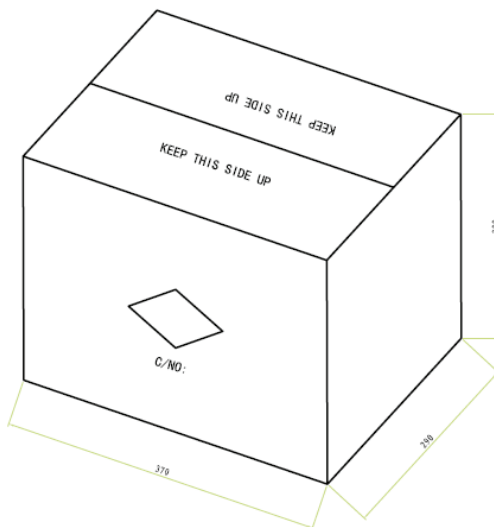**Weight:** 12.75 grams /pcs
Packaging Material: PC Plastic

Plastic vacuum packaging bag
480mm*320mm
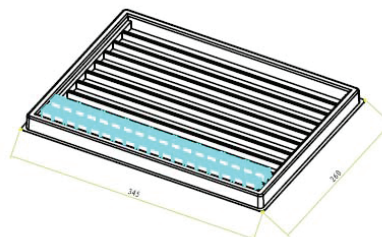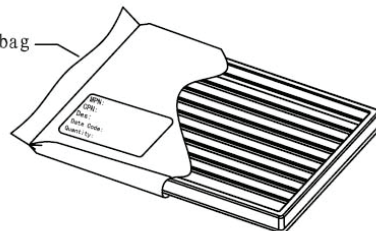
1、Inner Package: L=345mm; W=260mm; H=20mm;
2、There are 10 slot grids on the tray and There 9 Pcs In the slot grids.
3、Paste ROHS label and barcode label.
4、Material: PC Plastic。

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

KEEP THIS SIDE UP

KEEP THIS SIDE UP

C/NO:

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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