



16.80 x 21.10 x 28.35mm

► FEATURES:

- Compliant with IEEE802.3ab standard
- Tab up RJ45 Jack + 1USB Combo
- High performance for maximum EMI suppression
- 350 μ H minimum OCL with 8mA bias current
- RoHS peak wave solder temperature 260°C

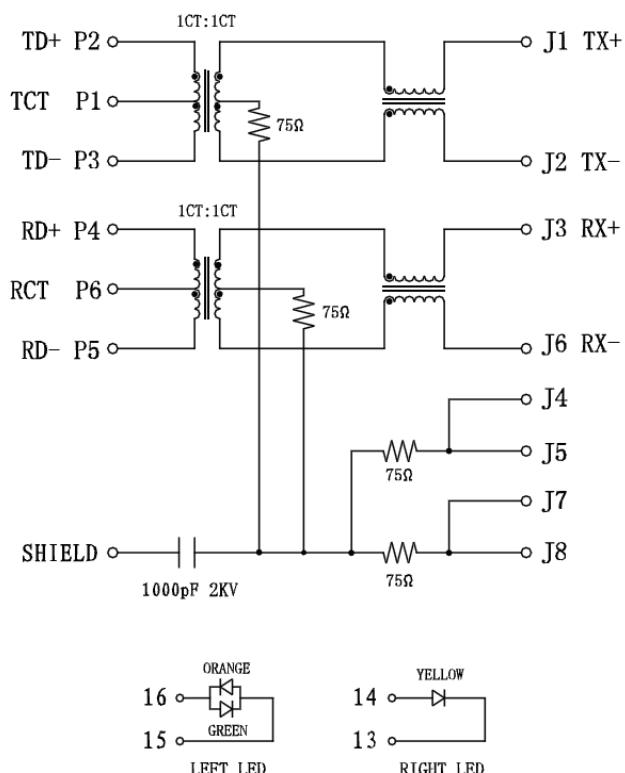
► APPLICATIONS:

- Support 10/100 Base-T AutoMDIX application with Bi-Color LEDs
- Extended Temperature (-40°C~85°C)
- Network Interface Cards(NIC), LAN-on-Motherboard(LOM) and PC
- 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 ($\pm 3\%$)		1CT:1CT			Tx
		1CT:1CT			Rx
Inductance (OCL)	350			μ H	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

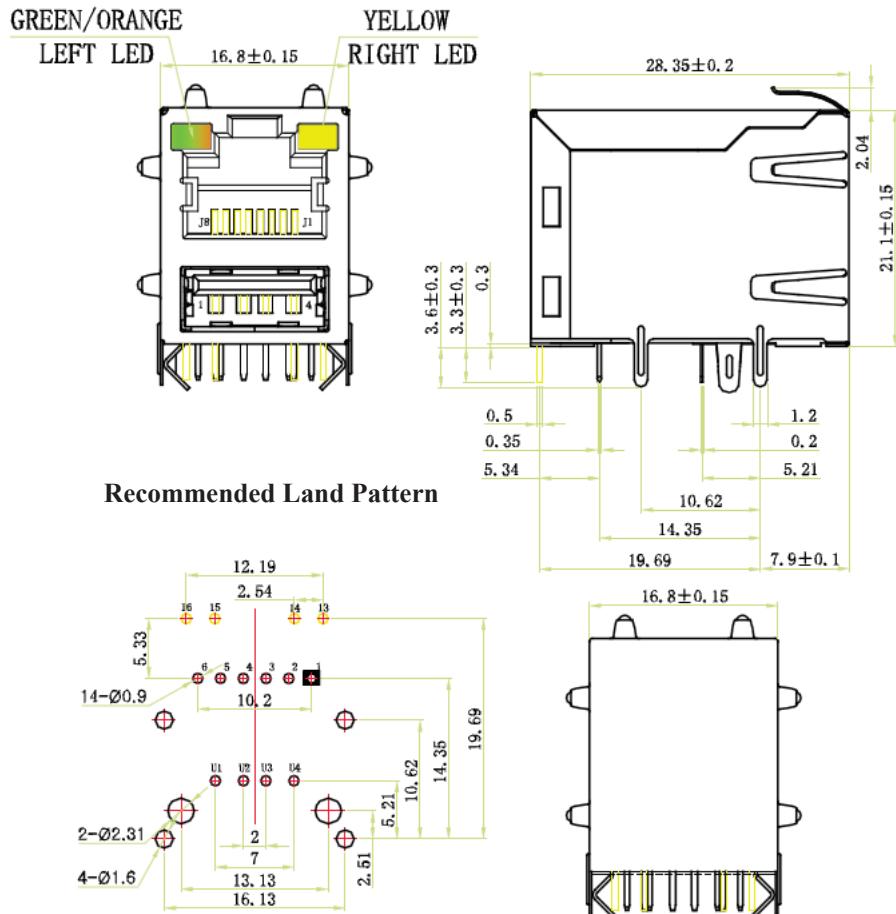
► SCHEMATICS





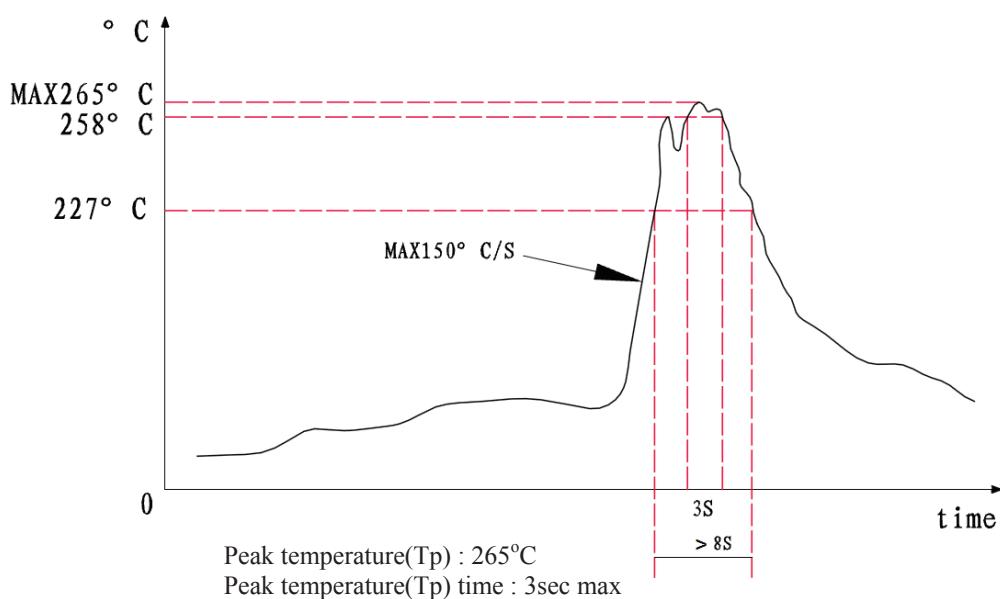
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► MECHANICAL DIMENSIONS



Dimensions: mm (Unless otherwise specified, all tolerances are ± 0.25)

► DIP WAVE SOLDERING PROFILE



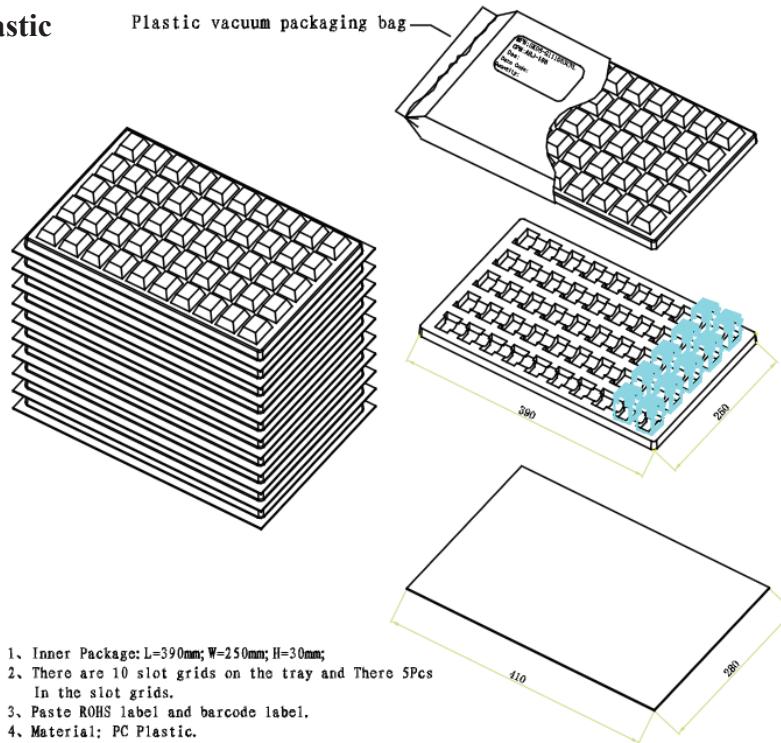


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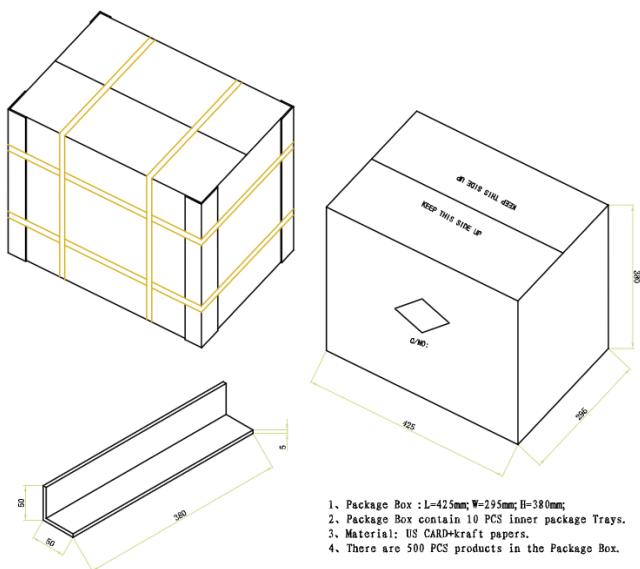
► **PACKING: 44pcs/tray**

Packaging 50pcs/tray

Packaging Material: PC Plastic



Outer carton unit (optional): 500 pcs/10 trays/box



Dimensions: cm

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