

# RJ45 Jack, Top Entry, SMT Unshielded, 8P8C

ARJ268-359976

RoHS/RoHS II Compliant



15.25 x 15.00 x 12.70mm

## ► FEATURES:

- 8P8C standard DIP Jack
- Compliant with IEEE802.3 standard
- High performance for maximum EMI suppression
- High reliability 750 mating/unmating cycles

## ► APPLICATIONS:

- Designed for most leading PHY IC manufacturers such as Broadcom, Marvell, Microsemi.
- Side entry with wide temperature range(-40°C~85°C)
- Applicable for Ethernet Switch, Servers, & Access Point Routers

## ► STANDARD SPECIFICATIONS

**Operating temperature range: -40°C to +85°C Storage temperature range: -40°C to +85°C**

### Standard Electrical Specifications

**Voltage Rating: 125 Vac RMS**

**Current Rating: 1.5 Amp**

**Contact Resistance: 40 mΩ Max**

**Insulation resistance: 1000 MΩ Min @500 Vdc**

**Dielectric strength: 1000Vac RMS @50 or 60Hz, 1Min**

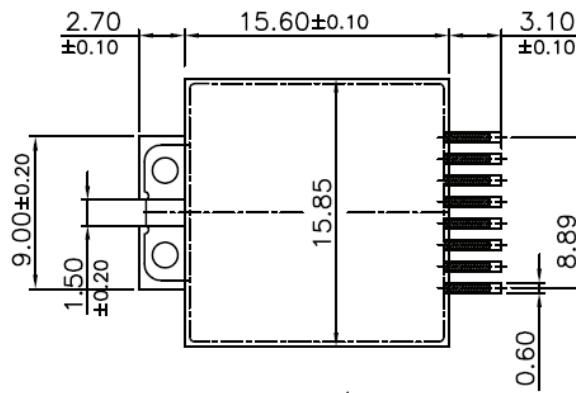
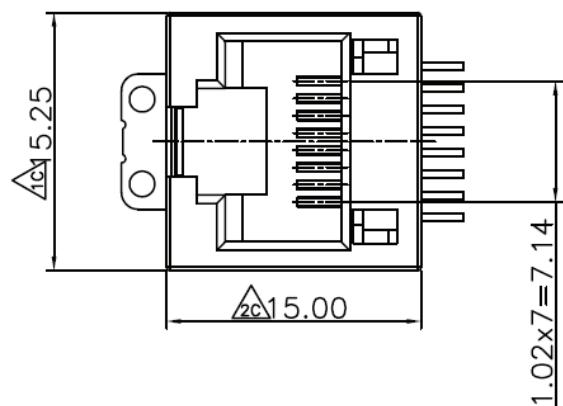
### Standard Mechanical Specifications

**Mating/Unmating force: 2.2kgF max**

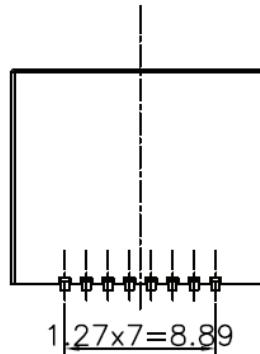
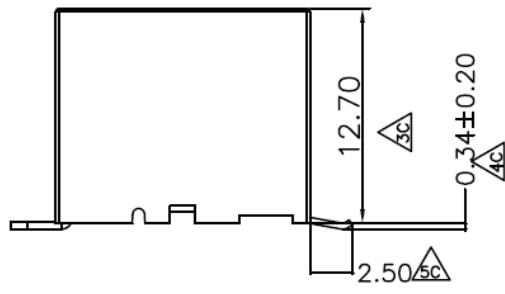
**Retention strength: 7.7kgF min between jack and plug**

**Operating life: 750 cycles min**

## ► MECHANICAL DIMENSIONS



PCB LAYOUT/TOP VIEW



**Dimensions: mm**

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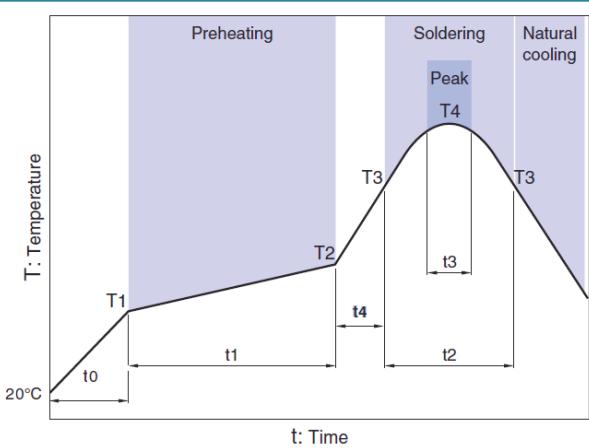
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## DIP WAVE SOLDERING CURVE



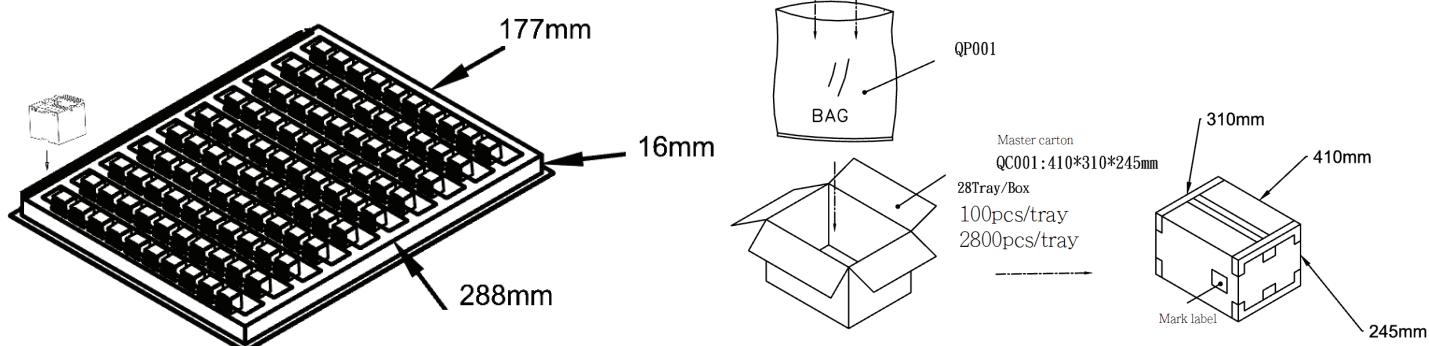
Profile Feature	Pb-Free Assembly
Preheat	
-Temperature Min	100°C
-Temperature Max	200°C
-Time (min to max)	60-120 seconds
Time maintained above:	
-Temperature	200°C
-Time	30 seconds
Peak/Classification Temperature	230±5°C
Time within 230±5°C of actual Peak Temperature	5 seconds
Time 25°C to Peak Temperature	4 minutes 30 sec. max.

## PACKAGING:

Packing: (100pcs/tray) MOQ: 500pcs  
Weight: 2.43 grams/pcs

Packaging material: PET

Outer carton unit(optional): 2800pcs/ 28trays/box,  
Gross Weight: 9.0kg



Dimensions: mm

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