



TAOGLAS®



Datasheet

RJ45 Modular Jack 8P8C Cat5E SMT

Part No:
TMJPD561188HWA6SB7133

Description:
1G Base-T Single Port RJ45 without magnetics.
Tab-UP with right angle SMT mount

Features:
Shielded EMI Finger
Industrial grade

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1. Specifications

Electrical Specifications	
Voltage	125 VAC RMS
Current Rating	1.5 AMP
Dielectric Strength	1000 VAC Rms 50hz or 60hz,1min.
Insulation Resistance	500 Mega Ohms Min. Initial After 500v Dc For 1 Minute
Contact Resistance	Single Terminal 30 Milli Ohms Max. Initial 50 Milli Ohms Max. After Durability Test

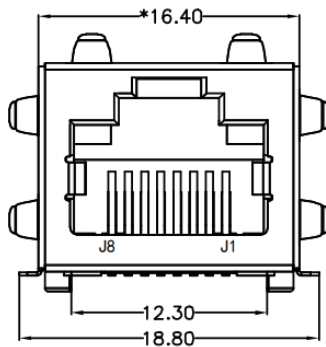
Mechanical Specifications	
Durability	750 Cycles Min,12.5mm/Minute
Insertion Force	2.2kg.F Max.
Retention Strength	7.7kg.F Between Jack and Plug

Material Specifications	
Housing	LCP, UL94V-0, Black
Terminal	Phosphor Bronze $\varnothing=0.35\text{mm}$, 50 μ " Gold Plating on Contact Area
Shield	C2680, T=0.20mm, 20 μ " Min Nickel Plating on All Area.

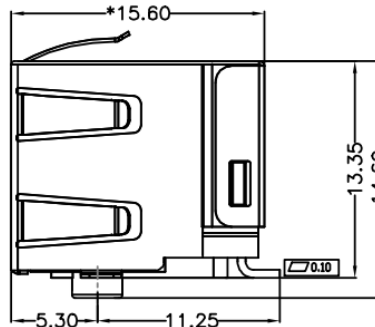
Environmental Specifications	
Operating Temperature	-40°C TO +85°C
Storage Temperature	-40°C TO +85°C

2. Mechanical

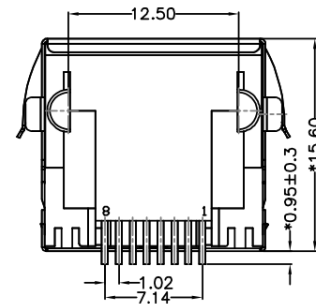
2.1 Mechanical Drawings



Front View



Right View



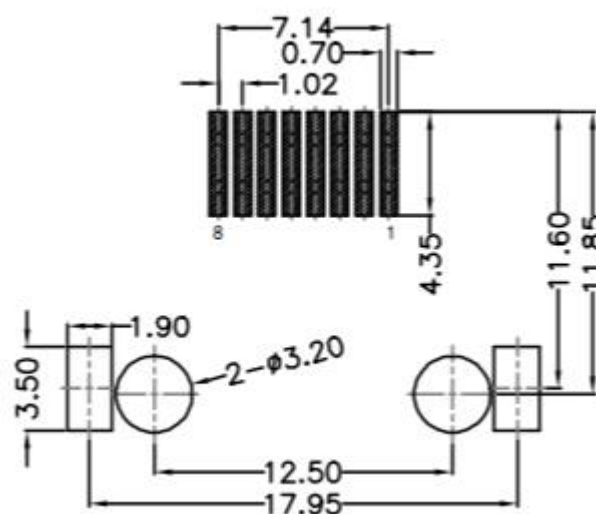
Bottom View

Mechanical Specifications

Height	13.35 mm
Width	16.40 mm
Depth	15.60 mm
Weight	g
Mounting Style	Surface mount (SMT)
Mounting Angle	Right Angle

Dimensions are in millimeters with the following tolerances: X.XX = ±0.25

2.2 PCB Layout

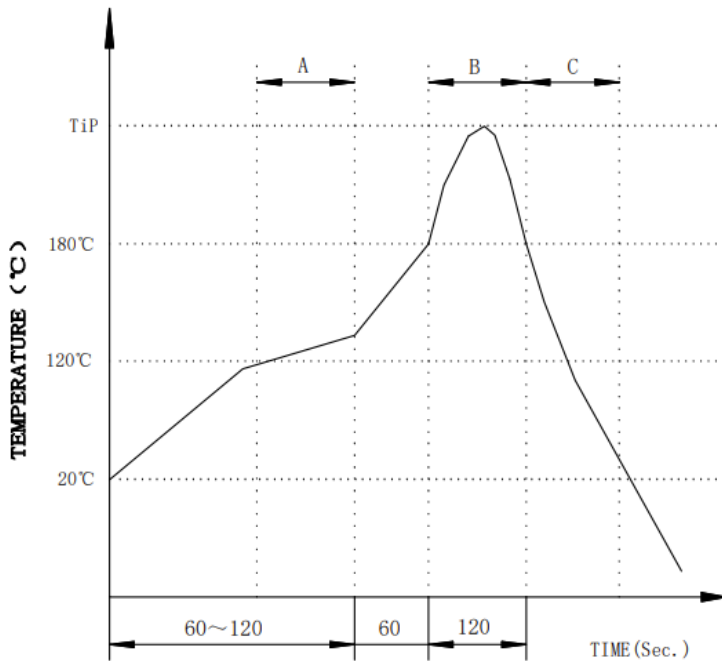


Suggested PCB Layout (Top View)

Dimensions are in millimeters with the following tolerances: X.XX = ±0.10

3. Electrical

3.1 Profile of Wave Solder



A.Preheating B.Soldering C.Gradual Cooling
 Tip temperature:260±5°C.
 Tip temperature time:5Sec Max.
 Tip melting point of Sn96.5/Ag3/Cu0.5:217°C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

4. Packaging

4.1 SPQ

100 pcs/tray

Tray dimension: 185*260*170 mm

Tray Weight: 0.5 kg

4.2 Carton

1 Carton = 24 trays = 2400 pcs

Carton dimensions: 520*200*275 mm

Carton Weight: 12.7 kg



4.3 Label

Taoglas Limited	
P/N NO: XXXXXXXX	
QYT: XXX PCS	DC: XXXX
DATE: XXXX-XX-XX	

SPQ Label (8x4cm)

Taoglas Limited	
P/N NO: XXXXXXXX	
PO: XXXXXXXX	B/N: XXXXXXXX
QYT: XXX PCS	DC: XXXX
DATE: XXXX-XX-XX	

Carton Label (8x4cm)

Changelog

Changelog for the datasheet

SPE-24-8-120 – TMJPD561188HWA6SB7133

Revision: A (Original First Release)

Date:	2024-06-30
Notes:	
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Previous Revisions



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