



S.T. INDUSTRIAL (ASIA) LIMITED

Specifications

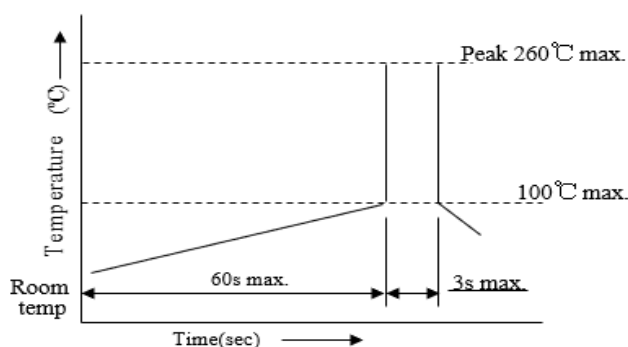
Series	DC POWER JACK
Model No	DS-183
Rating	12V DC, 1A
Life test	5,000 cycles
Schematic	As shown in attached drawing



Wave soldering

When applying wave soldering, the peak temperature of the wave oven should be set to 260°C max.

condition for soldering (Wave & Non-washable Type) Temperature Profile



<u>Items</u>	<u>Condition</u>
Preheating temperature	Ambient temperature of the soldered surface of PC board 100°C max.
Preheating time	60s max.
Soldering temperature	260°C max.
Continuous dipping time	3s max.
Number of soldering	1 time max.

Solderability

The tip of the terminals shall be dipped 2 mm in the solder bath within temperature of 250±5°C for 3 seconds.

The condition mentioned is temperature for lead-free soldering .

Alloy: Sn 96.5% / Ag 3.0% / Cu 0.5%

Temperature cycling

Subject parts to 5 cycles according to the profile below. Measure after stabilization at normal ambient conditions for 30 minutes.

