

DC POWER JACK SPECIFICATIONS

1	Insulation resistance	Insulation material should be 100M ohm min. Measured with a 500VDC insulation resistance meter.
2	Contact resistance	Contact resistance between two contacts(normally closed) should be 30m ohm max. At 1k Hz less than 100mA.
3	Temperature test	Part shall be subjected to a temperature range of $70^{\circ}\text{C} \pm 2^{\circ}\text{C}$ to $-25^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for half an hour and then remain to a room temperature for two hours to be test again. The part shall not show remarkable failure.
4	Insertion and extraction force	Insertion force: 0.3kg ~ 3.0kg with a match plug. Extraction force: 0.3kg ~ 3.0kg with a match plug.
5	Life test	Part to be tested under a condition that to use a match plug coated with a thin film of grease in order to prevent from heating or wearing at a rate of 5 to 10 cycles. Per minute under no load of 4000 cycles. The part shall still comply with: A: insertion force: 0.3kg ~ 3.0kg. B: extraction force: 0.3kg ~ 3.0kg.
6	Soldering heat	$255^{\circ}\text{C} \pm 5^{\circ}\text{C}$ degree for 5 ± 1 seconds.
7	Rated voltage and current	DC 12V, 2A max; AC 100V, 1A max.