

Round Mains Plug 5A, Black

pro-ELEC

RoHS
Compliant



Specification

Connector Type : Power Plug
Current Rating : 5A
Connector Colour : Black
Voltage Rating : 250V AC

Construction

Item	Description	Material
1	Plug base and cover	PA
2	L/N/E pin	Brass
3	Cord grip	Nylon (PA)
4	Screw	Steel

Conditions of Use

- an ambient temperature in the range -5°C to +40°C, the average value over 24 hours not exceeding 25°C.
- a situation not subject to exposure to direct radiation from the sun or other source of heat like to raise temperatures above the limits specified in a);
- an altitude not exceeding 2000 metres above sea level;
- an atmosphere no subject to abnormal pollution by smoke, chemical fumes, rain, spray, prolonged periods of high humidity or other abnormal conditions.

Safety Specifications

No.	Item	Conditions	Requirements
1	Appearance		No defect such as cracks, deep scratches or blemishes
2	Marking		Shall be legible and must be clear
3	Insulation Resistance	500 + 250V DC 1 min	Shall not be less than 5MΩ
4	Dielectric strength	2000 ±60V 1 min	No damage or breakdown

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No.	Item	Conditions	Requirements
5	Resistance to aging	70° ±5° 168 hrs	No cracks or become sticky
6	Construction	20° ±5°	Complied with Figure 5 gauge
7	Torque Test	Value of 0.6N.m. (6.1kgf/cm)	Terminal, cord grip and cover screws shall withstand the torque applied
8	Glow Wire Test	650°/750° electrically heated	Flame must extinguish within 30 seconds.
9	Temperature Rise	5A 250V	Temperature rise must not exceed: 1. Terminals or terminations : 52K 2. Accessible surface: 52K
10	Live Parts Accessibility	Subjected to 1mm test probe with applied force of 5N when they are mounted and wired as in normal use.	Live parts of socket shall not be accessible.

Part Number Table

Description	Part Number
Round Mains Plug, 5A, Black, 250V	5A PLUG BLACK

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