

RJ Power Connector



OVERVIEW

Luxshare-TECH RJ power connector is the product for next generation small edge computing, IOT and small switch. It could be assembled on the spot easily. This solution support cable assemble on site. The connector meet the condition used in cable $1\text{mm}^2 \sim 4\text{mm}^2$ two-core power cord 2 power pin with positive and negative mark easy to operate cable assembly have suspension link or spanner release the lock.

FEATURES & BENEFITS

- ◆ Diameter of Conductor $1.1 \sim 2.6\text{mm}$ 5 or 2 types of stranded conductors
- ◆ Diameter of Conductor Insulator MAXimum outer diameter of core wire 4.5mm
- ◆ 10KA Common mode, 20KA (8/20us waveform)
- ◆ Cable Feed is Straight, content reconnect ability, Full EMI shielding, Locking, Latch

PRODUCT APPLICATIONS

Data center & Networking Equipment
Switches/Routers
Baseband Commercial Systems
Networking Radio Units

INDUSTRY STANDARDS

Design by Luxshare-TECH
IEEE802.3

RJ Power Connector Series

TECHNICAL INFORMATION

MATERIAL

Plastics: Thermoplastic, UL94V-0

Terminal A: Copper alloy, Au plated on contact area over nickel

Terminal B: Copper alloy, Tin plated over nickel

Shells: Zinc alloy, Nickel Plated

ELECTRICAL PERFORMANCE

Voltage: 50 volts AC/DC MAX

Current: 6 ampere maximum

ENVIRONMENTAL

Operation temperature: -40°C TO +105°C

Storage temperature : +15°C TO +35°C

Relative humidity: 20% to 80%

Atmospheric pressure: 650mm to 800mm of Hg (86 ~106Kpa)

MECHANICAL PERFORMANCE

Rated Durability Cycles 200

Mating force: 30N MAX

Un-mating force: 30N MIN

PACKAGING

PE Bag

SPECIFICATION

ES-11-00-0028

ES-11-00-0029

Partial PN Table

Product Numbers	
WRJB08-0302-000-3R	POWER RJ45 PLUG
WRJB08-0303-000-3R	Mini Power RJ45 PLUG