

High power series connector (45A series)



TL300 Series

TL300 is a single pole metal connector that uses JPC's unique helical multi contacts for high power solutions. With straight and right angle plugs, HVIL, and shields, TL300 provides a variety of product configurations to choose from.

Technical Data

| | |
|---------------------------------|-------------------|
| Current Rating | 250A |
| Voltage Rating | 1000V AC |
| Dielectric Withstanding Voltage | 5000V AC |
| Operating Temperature Range | -40 °C to +125 °C |
| Mating Cycles | 500 times Min. |
| Insulation resistance | 500 |
| Connector Type | Plug |
| Part Number | PCNTC114RC78-1 |

Product Features

| | |
|--------------------------|--------------|
| Electrical interlock | Yes |
| Shielding | Yes/Optional |
| Automatic Secondary Lock | YES |
| Protection class | IP67 , IP2X |

Application

High Voltage Power Distribution Unit(PDU)

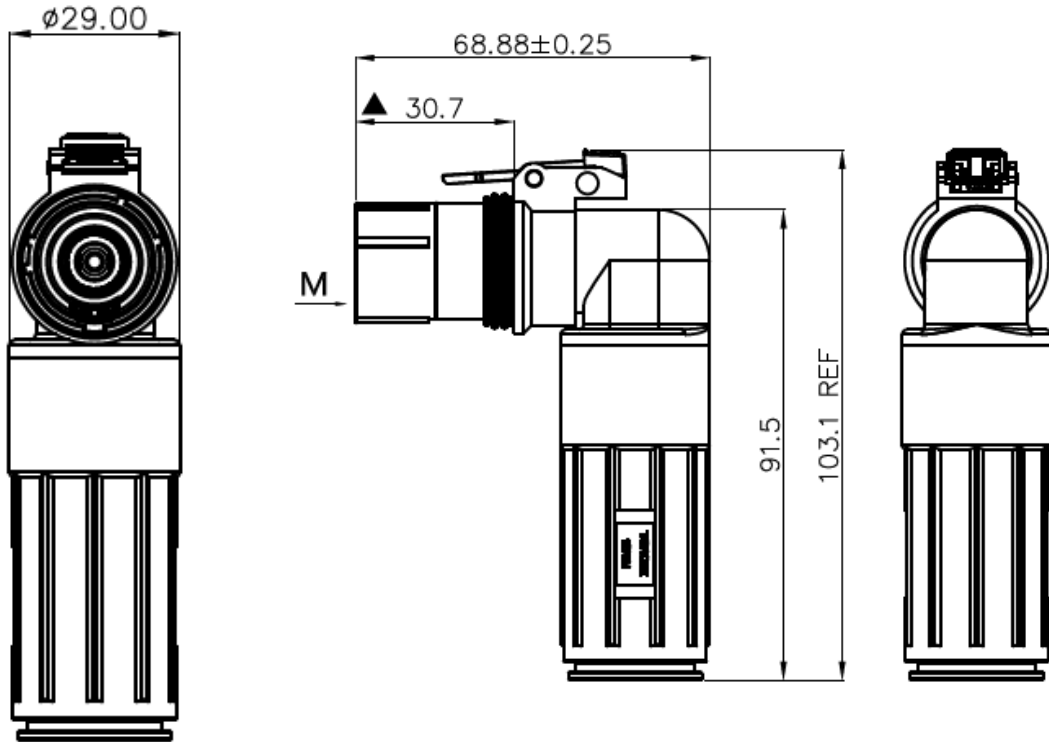
DC-DC Converter

High Power Application

Energy Storage System

TL300 Series

Plug Interface Dimensions



Key Direction

