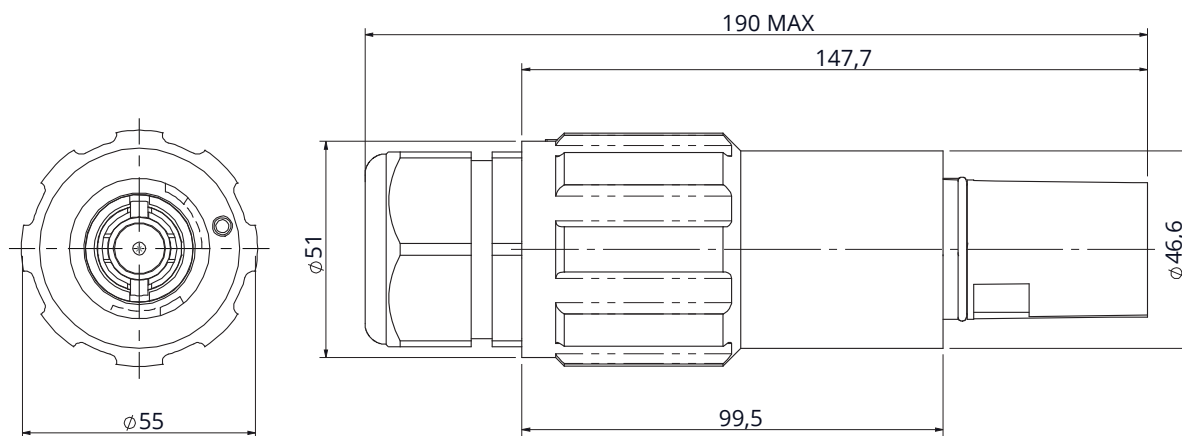
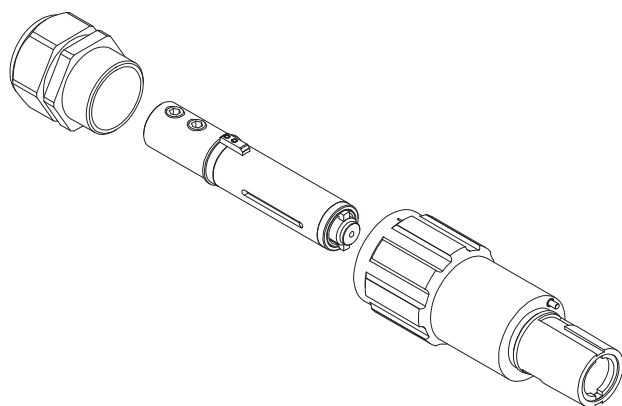


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SERIES SPPC

PART NUMBER SPPC-PWL-LD-E-GN-S-120-M



Dimensions in mm

Code details

| | | |
|--------------------------------|---|--|
| Series Code | SPPC-PWL | Single Pole Power connectors |
| Connector Type | LD | Cable/Line Drain |
| Key Position | E | Earth |
| Insulator Color | GN  | Green |
| Contact Termination | S-120 | Screw terminal – 400A up to 120mm ² |
| Cable External diameter | M | 19mm – 28mm |
| Contacts Type | - | Standard contacts |
| Customization | - | - |

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SERIES SPPC

PART NUMBER SPPC-PWL-LD-E-GN-S-120-M

Connector Type:

Number of contacts: Single Pole
 Cable/line Drain connectors
 Green Color
 Locking: Bayonet with secondary locking pin
 Screw terminal contacts for wire up to 120mm²
 Finger Touch protected contacts IP2X

Reference Documents:

- EN 61984
 - EN 60529
 - European Directive 2011/65/UE (RoHS)
 - UL94

General features:

Operating temperatures: -30°C ÷ +125°C
 Protection degree (mated connectors; according to EN 60529): IP66/67
 Flammability: UL94-V0
 Minimum Mating Cycles: 500

Electrical specifications:

Nominal Voltage: 1000 Vac / 1500 Vdc
 Current Rating: 400A
 Minimum Insulation Resistance: 5GΩ @ 500V
 Contact Resistance: <0.1 mΩ
 Rated Voltage to Earth: 2000Vac
 Minimum Flashover (EN60309-1): 6.8kV AC – 1 minute
 Test Voltage (Mated Condition): 5 kV– 1 minute @ 50Hz
 Short Circuit Current – 1 second: 16kA
 Short Circuit Current – 3 seconds: 12kA
 Surge Current (DIN VDE 0102/1.90): 62kA – 10mseconds

Others characteristics:

Screws Tightening Torque (in-line connectors): 12Nm
 Cable Gland Tightening Torque: 13Nm
 Contact Retention in Insulator: 2.5kN Axial Load
 Sleeves included, for cable conductor size 35 mm² - 50 mm² - 70 mm² - 95 mm² - 120 mm²

UL certified (File n° E483437)



| COMPONENTS | MATERIALS | PLATING / FINISHES | ACCESSORIES (included) | | |
|--------------|---------------|--------------------|------------------------|-------------|----------|
| Shells | Thermoplastic | - | P/N | Description | Quantity |
| Contacts | Copper Alloy | Silver Plated | - | - | - |
| Panel Gasket | - | - | - | - | - |
| Others part | - | - | - | - | - |

PACKAGING

| Quantity | Type | Weight |
|----------|--------------|--------|
| 1 | Plastic Bags | - |
| - | Carton Box | - |



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