

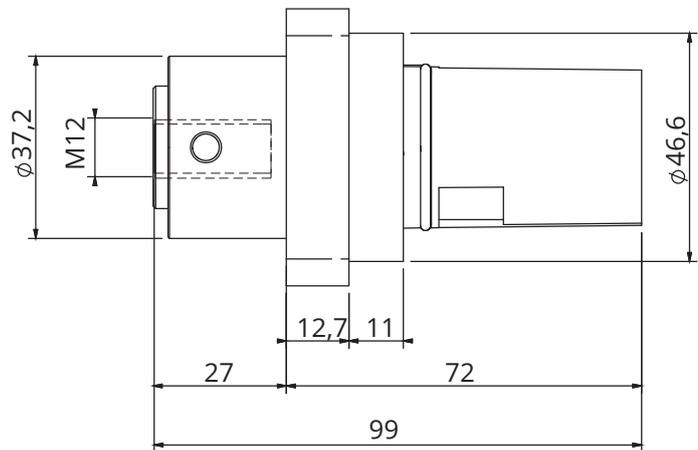
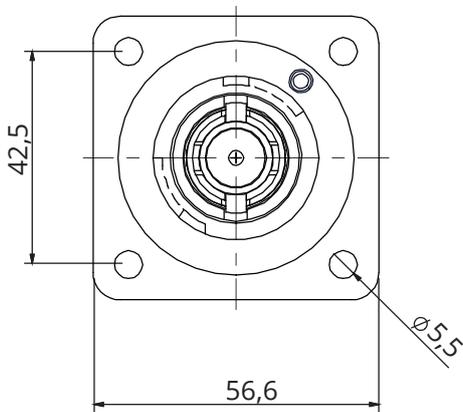
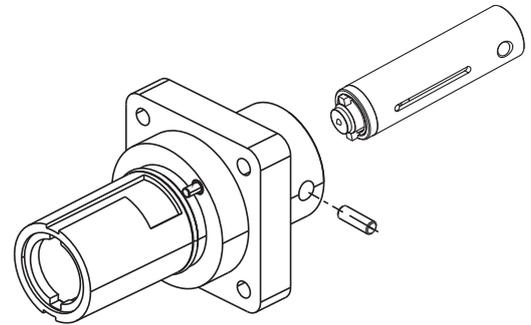
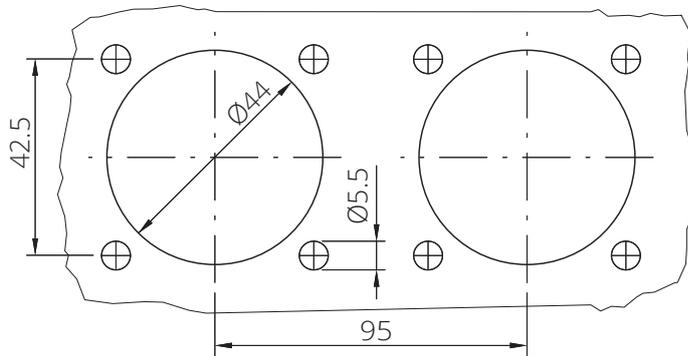
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ISSUE 25-05-23A

SERIES SPPC

PART NUMBER **SPPC-PWL-2.0-PD-L3-GY-TH5**

panel cut out



Dimensions in mm

Code details

Series Code	SPPC-PWL-2.0	Single Pole Power connectors
Connector Type	PD	Panel Drain
Key Position	L3	Phase 3
Insulator Color	GY ●	Grey
Contact Termination	TH5	Threaded hole - 500A
Cable External diameter	-	-
Contacts Type	-	Standard contacts
Customization	-	-

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Connector Type:

Number of contacts: Single Pole
 Panel Drain connectors
 Grey Color
 Locking: Bayonet
 Threaded hole
 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: 500A
 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
 Creepage Distance: >25mm
 Clearance Distance: >25mm

Others characteristics:

Panel Contact Tightening Torque: 30Nm max
 Contact Retention in Insulator: 2.5kN Axial Load

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	-