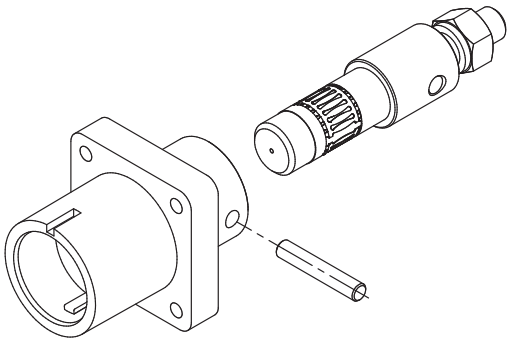
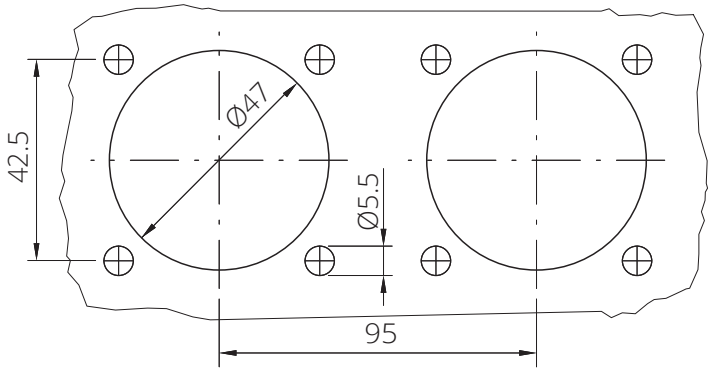
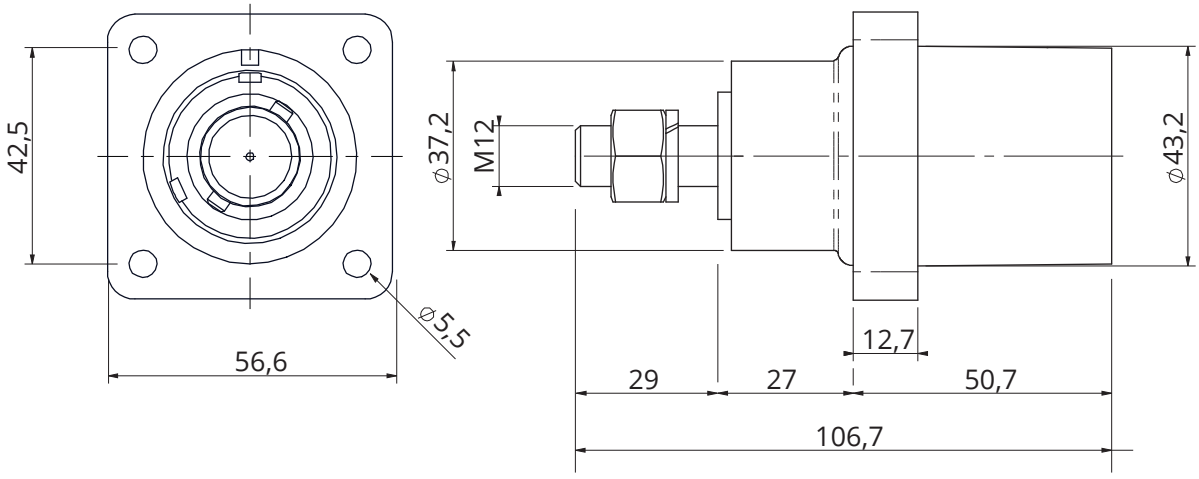




panel cut out



Dimensions in mm

Code details

Series Code	**SPPC-PWL-2.0**	Single Pole Power connectors
Connector Type	**PS**	Panel Source
Key Position	**E**	Earth
Insulator Color	**GN**	Green
Contact Termination	**M12-T5**	M12 Threaded post – 500A
Cable External diameter	**-**	-
Contacts Type	**-**	Standard contacts
Customization	**-**	-

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Connector Type:
Number of contacts: Single Pole
Panel Source connectors
Green Color
Locking: Bayonet with secondary locking pin
M12 Threaded post contacts
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

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COMPONENTS	MATERIALS	PLATING / FINISHES
Shells	Thermoplastic	-
Contacts	Copper Alloy	Silver Plated
Panel Gasket	-	-
Others part	-	-

ACCESSORIES (included)		
P/N	Description	Quantity
-	-	-
-	-	-
-	-	-

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

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