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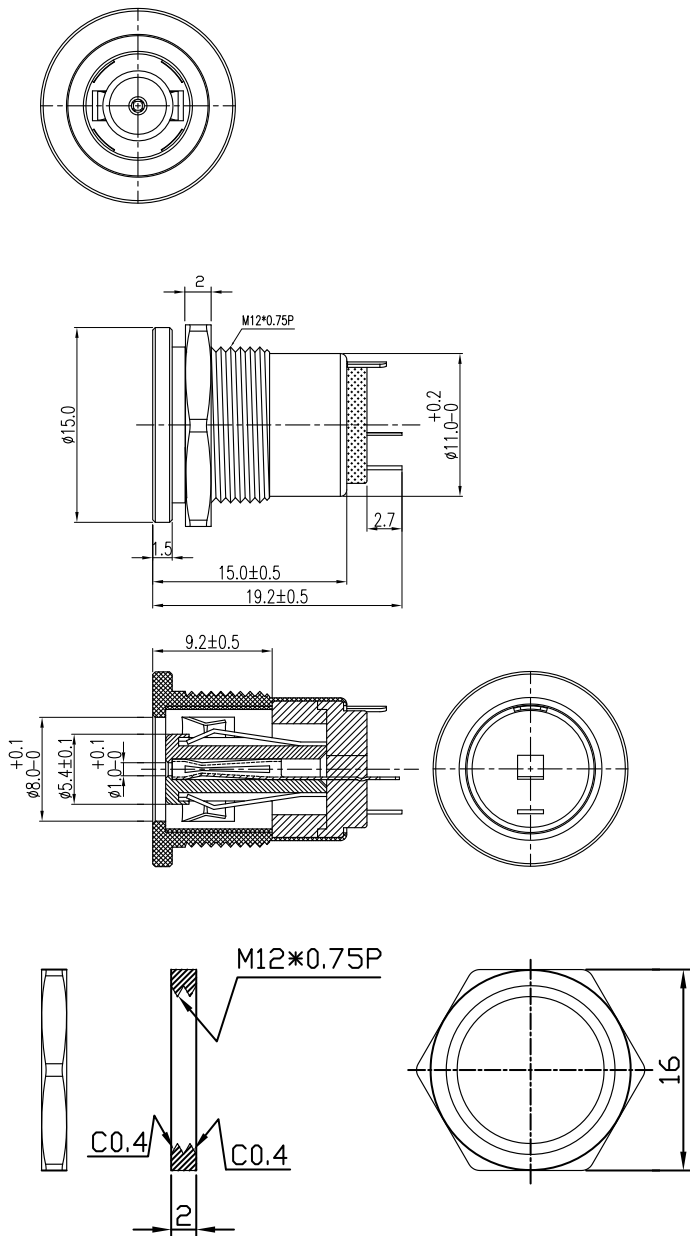
Power supply connectors



Power supply chassis socket,
for plugs 7.9 mm x 5.6 mm x 0.9 mm, straight version, for
front side mounting
3 pole, 10 A/42 V

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Environmental conditions

Temperature range -40 °C/+85 °C

Materials

Insulating body	PBT GF, V-0 according to UL94
Contact	CuSn, nickel-plated
Housing	CuZn, nickel-plated
Hexagonal nut	CuZn, nickel-plated

Mechanical data

Diameter opening	8.0 mm
Diameter insulation	5.4 mm
Diameter central hole	1.0 mm
Mating cycles	5000
Insertion force	2.9–29.4 N
Withdrawal force	2.9–29.4 N

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 30 mΩ
Rated current	10 A
Rated voltage	42 V DC
Rated impulse voltage	500 V/60 s
Insulation resistance	≥ 100 MΩ

Associated products

Counterparts
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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1614 21	3	200	200

Packaging:

in bulk, in a cardboard box or a plastic bag