16 1614 20

Power supply connectors



Power supply chassis socket,
for plugs 5.5 mm x 2.5 mm, straight version, with break contact and solder eyes, for back side mounting

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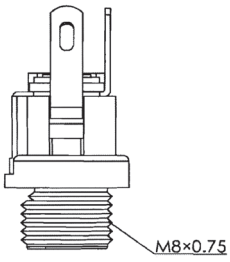

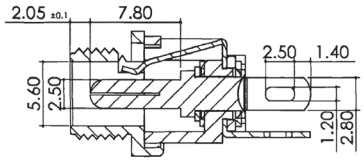

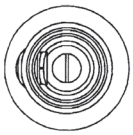

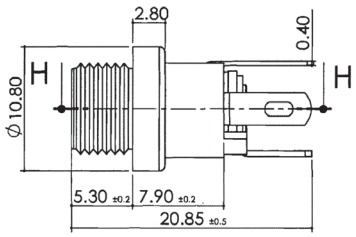





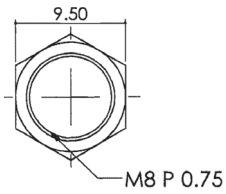

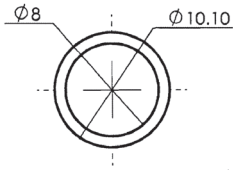

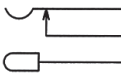

Environmental conditions

Temperature range	-20 °C/+70 °C

Materials

Contact	CuZn/CuSn, nickel-plated/silver-plated
Insulation	PF
Hexagonal nut	CuZn, nickel-plated
Washer	steel, nickel-plated

Mechanical data

Diameter opening	5.6 mm
Diameter center pin	2.5 mm
Mating cycles	≥ 5000
Insertion force	≤ 30 N[1]
Withdrawal force	3–30 N[1]

[1] measured with a gauge plug

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 50 mΩ
Rated current	1 A
Rated voltage	12 V DC
Rated impulse voltage	250 V/60 s
Insulation resistance	≥ 100 MΩ

Associated products

Counterparts

- 1633 04
- 1634 02
- NES/J 25
- NES/J 250
- XNES/J 250

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1614 20	2	250	500

Packaging:
in bulk, in a cardboard box or a plastic bag