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1610 05

Power supply connectors

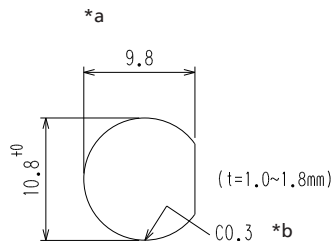
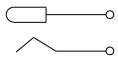
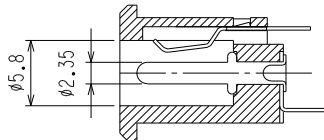
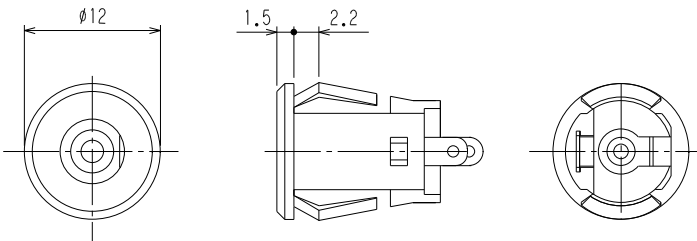
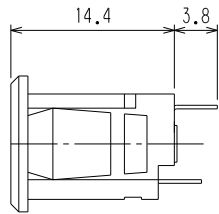


Power supply chassis socket,
for plugs 5.5 mm x 2.5 mm, straight version, with solder
eyes, for snap-in front side mounting

State: Obsolete

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*a port in mounting plate
*b for metal plate

Environmental conditions

Temperature range -20 °C/+70 °C

Materials

Insulating body PA GF, HB according to UL94
Contact spring CuZn/CuSn, nickel-plated

Mechanical data

Diameter opening 5.8 mm
Diameter center pin 2.35 mm
Mating cycles ≥ 3000
Insertion force 4–30 N¹
Withdrawal force 4–30 N¹

¹ measured with a gauge plug

Electrical data (at T_{amb} 20 °C)

Contact resistance $\leq 30 \text{ m}\Omega$
Rated current 2 A
Rated voltage 24 V DC
Rated impulse voltage 500 V/60 s
Insulation resistance $\geq 100 \text{ M}\Omega$

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)
1610 05	2	250	500

Packaging:

in bulk, in a cardboard box or a plastic bag