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Power supply connectors



Power supply chassis socket,
for plugs 6.5 mm x 4.1 mm x 1.0 mm, acc. to JEITA EIJA RC-5322 JCBJ11, angular version, with break contact, for printed circuit boards

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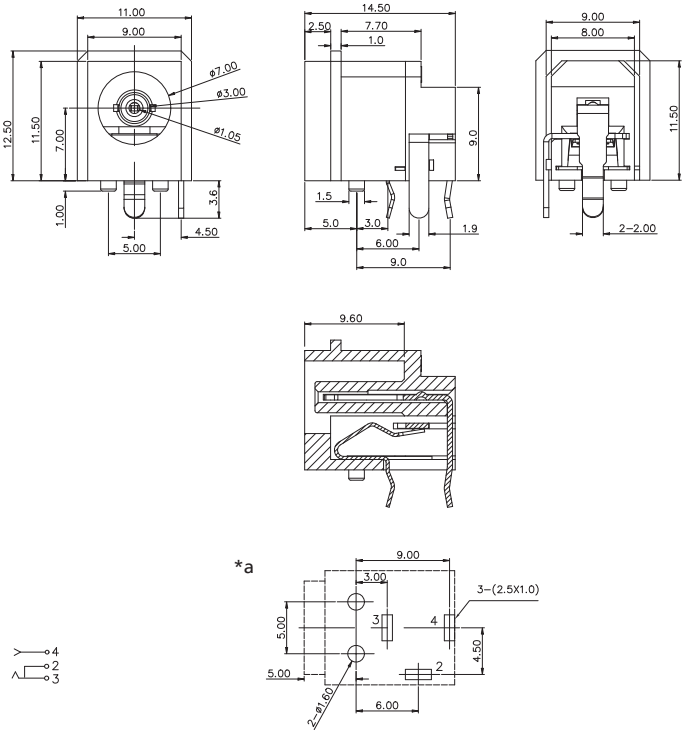

*a printed circuit board layout, components side view

Environmental conditions

Temperature range	-25 °C/+85 °C

Materials

Insulating body	PA, V-0 according to UL94
Contact	CuSn/CuZn, silver-plated

Mechanical data

Diameter opening	7.0 mm
Diameter insulation	3.0 mm
Diameter central hole	1.05 mm
Mating cycles	5000
Insertion force	3–30 N
Withdrawal force	3–30 N

Electrical data (at T_{amb} 20 °C)

Contact resistance	≤ 30 mΩ
Rated current	3 A
Rated voltage	24 V
Rated impulse voltage	500 V/60 s
Insulation resistance	≥ 100 MΩ

Associated products

Counterparts
1636 06

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1613 31	2	500	1000

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