16 1613 18

Power supply connectors



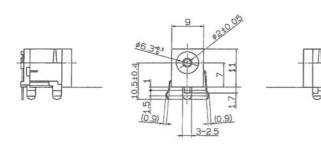
Power supply chassis socket, angular version, with break contact, for printed circuit boards

State: Active

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Environmental conditions

Temperature range -40 °C/+70 °C

Materials

Insulating body

Contact spring

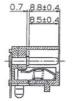
Contact pin

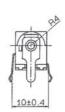
PC, V-2 according to UL94

CuZn, silver-plated/tin-plated

CuZn, nickel-plated

Cover PPO, V-0 according to UL94

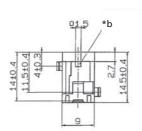




Mechanical data

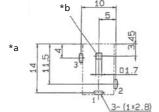
Diameter opening6,3 mmDiameter center pin2,0 mmMating cycles≥ 5000Insertion force4-20 NWithdrawal force4-20 N





Electrical data (at Tamb 20 °C)

 $\begin{array}{ll} \mbox{Contact resistance} & \leq 30 \ \mbox{m} \mbox{\Omega} \\ \mbox{Rated current} & 1 \ \mbox{A} \\ \mbox{Rated voltage} & 12 \ \mbox{V DC} \\ \mbox{Rated impulse voltage} & 500 \ \mbox{V/60 s} \\ \mbox{Insulation resistance} & \geq 100 \ \mbox{M} \mbox{\Omega} \\ \end{array}$



Associated products

Counterparts

 © 1633 02
 © 1633 03
 © NES/J 21

 © NES/J 21 W
 © NES/J 210
 © XNES/J 210

- *a printed circuit board layout, solder side view
- *b positioning spigot resp. hole for spigot

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1613 18	2	250	500

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

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