

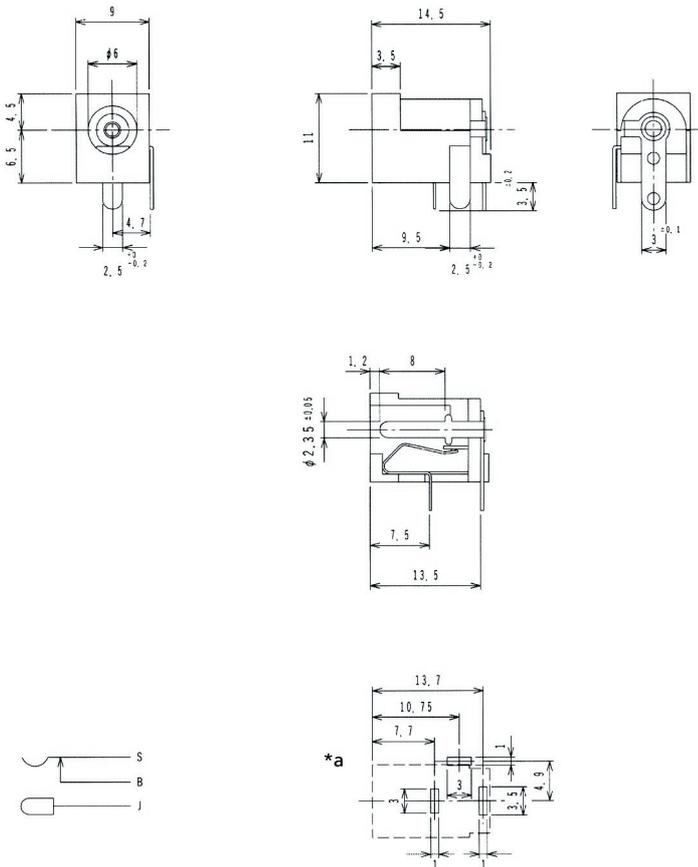
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1613 21

## Power supply connectors



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



#### Environmental conditions

Temperature range -20 °C/+70 °C

#### Materials

Insulating body PBT GF, V-0 according to UL94  
Contact pin CuZn, nickel-plated  
Contact Cu alloy, tin-plated

#### Mechanical data

Diameter opening 6.0 mm  
Diameter center pin 2.35 mm  
Mating cycles  $\geq 5000^1$   
Insertion force 5–20 N (initial value)  
Withdrawal force 4–15 N (initial value)

<sup>1</sup> measured with a gauge plug

#### Electrical data (at T<sub>amb</sub> 20 °C)

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

#### Associated products

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

\*a printed circuit board layout, solder side view

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1613 21

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1613 21	2	250	500

**Packaging:**

in bulk, in a cardboard box or a plastic bag