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1613 32

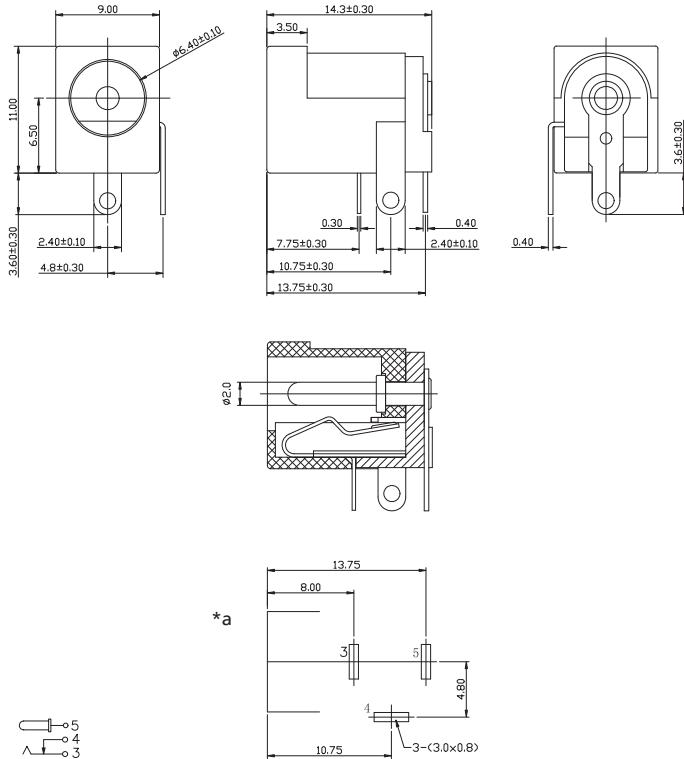
Power supply connectors



Power supply chassis socket,
for plugs 5.5 mm x 2.1 mm, 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 $-20^{\circ}\text{C}/+70^{\circ}\text{C}$

Materials

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

Mechanical data

| | |
|---------------------|-----------------------------|
| Diameter opening | 6.4 mm |
| Diameter center pin | 2.0 mm |
| Mating cycles | 5000 ¹ |
| Insertion force | 3–30 N |
| Withdrawal force | 2.94–19.6 N (initial value) |

¹ measured with a gauge plug

Electrical data (at $T_{\text{amb}} 20^{\circ}\text{C}$)

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

Associated products

| Counterparts | | |
|--|---|--|
| <input checked="" type="checkbox"/> 1633 02 | <input checked="" type="checkbox"/> 1633 03 | <input checked="" type="checkbox"/> NES/J 21 |
| <input checked="" type="checkbox"/> NES/J 21 W | <input checked="" type="checkbox"/> NES/J 210 | <input checked="" type="checkbox"/> XNES/J 210 |

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| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|-------------|-------------|-------------|--------------|
| 1613 32 | 2 | 500 | 1000 |

Packaging:

in bulk, in a cardboard box or a plastic bag