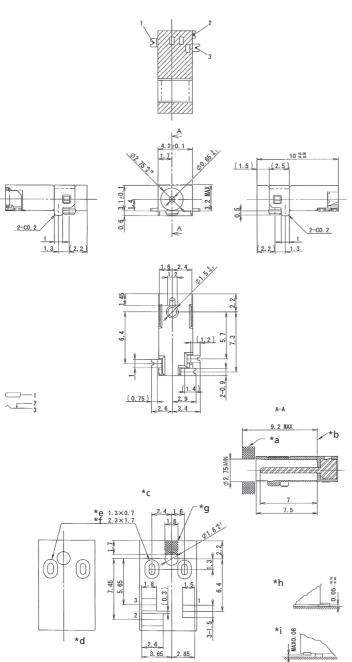
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# Power supply connectors



Power supply chassis socket acc. to JEITA RC-5320A JSAJ11, angular version, with break contact, for printed circuit boards, surface mount technology (SMT)





#### **Environmental conditions**

Temperature range -20 °C/+60 °C

#### Materials

Insulating body PA, V-0 according to UL94
Contact spring Cu alloy, silver-plated
Contact pin Cu alloy, silver-plated
Frame spring Cu alloy, tin-plated

#### Mechanical data

Diameter opening2.75 mmDiameter center pin0.65 mmMating cycles≥  $5000^{1}$ Insertion force $5-20 \text{ N}^{2}$ Withdrawal force $4-15 \text{ N}^{3}$ 

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

 $\begin{array}{ll} \text{Contact resistance} & \leq 30 \text{ m}\Omega \\ \text{Rated current} & 2 \text{ A} \\ \text{Rated voltage} & 3.15 \text{ V DC} \\ \text{Rated impulse voltage} & 500 \text{ V/60 s} \\ \text{Insulation resistance} & \geq 100 \text{ M}\Omega \\ \end{array}$ 

### Associated products

Counterparts

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<sup>&</sup>lt;sup>1</sup> measured with a gauge plug

<sup>&</sup>lt;sup>2</sup> measured with a gauge plug, initial value

 $<sup>^{\</sup>rm 3}$  measured with a gauge plug, initial value



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- \*a chassis
- \*b contact surface of plug
- \*c printed circuit board layout, components side view
- \*d back side
- \*e hole
- \*f copper layer
- \*g area to be left empty
- \*h stand off
- i coplanarity



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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
1613 25 VP3	2	1500	1500

## Packaging:

on reel