

16

1614 15

Power supply connectors

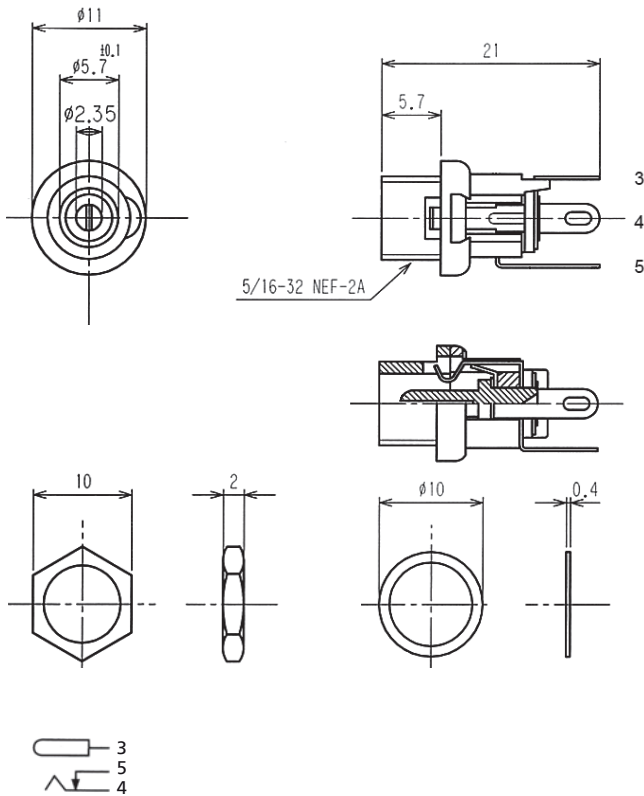


Power supply chassis socket,
for plugs 5.5 mm x 2.5 mm, straight version, with break
contact and solder eyes, for back side mounting

State: Obsolete

16

1614 15



Environmental conditions

Temperature range -20 °C/+70 °C

Materials

| | |
|-----------------|---------------------------------------|
| Insulating body | ABS, V-0 according to UL94 |
| Contact | Cu alloy, nickel-plated/silver-plated |
| Insulation | PF |
| Hexagonal nut | CuZn, nickel-plated |
| Washer | steel, nickel-plated |

Mechanical data






| | |
|---------------------|-----------------------|
| Diameter opening | 5.7 mm |
| Diameter center pin | 2.35 mm |
| Mating cycles | ≥ 5000 |
| Insertion force | $\leq 30 \text{ N}^1$ |
| Withdrawal force | 3–30 N ¹ |

¹ measured with a gauge plug

Electrical data (at T_{amb} 20 °C)

| | |
|-----------------------|---------------------------|
| Contact resistance | $\leq 30 \text{ m}\Omega$ |
| Rated current | 1 A |
| Rated voltage | 12 V DC |
| Rated impulse voltage | 250 V/60 s |
| Insulation resistance | $\geq 50 \text{ M}\Omega$ |

Associated products

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

16

1614 15

| Designation | Pole Number | PU (Pieces) | MDQ (Pieces) |
|-------------|-------------|-------------|--------------|
| 1614 15 | 2 | 250 | 500 |

Packaging:

in bulk, in a cardboard box or a plastic bag