Power supply connectors

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

State: Active
Environmental conditions
Temperature range: -20 °C/+70 °C

Materials
- Insulating body: PBT GF, V-0 according to UL94
- Contact: Cu alloy, nickel-plated/tin-plated

Mechanical data
- Diameter opening: 6.0 mm
- Diameter center pin: 1.95 mm
- Mating cycles: ≥ 5000
- Insertion force: 5–20 N (initial value)
- Withdrawal force: 4–15 N (initial value)
  \(^1\) measured with a gauge plug

Electrical data (at \(T_{\text{amb}}\) 20 °C)
- Contact resistance: ≤ 30 mΩ
- Rated current: 2 A
- Rated voltage: 24 V DC
- Rated impulse voltage: 500 V/60 s
- Insulation resistance: ≥ 100 MΩ

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
<table>
<thead>
<tr>
<th>Designation</th>
<th>Pole Number</th>
<th>PU (Pieces)</th>
<th>MDQ (Pieces)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEB 21 R</td>
<td>2</td>
<td>250</td>
<td>750</td>
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</tbody>
</table>

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