USB and IEEE 1394 connectors

Mini USB 2.0 chassis socket type B, 5 poles, angular version, for printed circuit boards, surface mounting technology (SMT)
Environmental conditions
Temperature range: -40 °C/+85 °C

Materials
- Insulating body: LCP, V-0 according to UL94
- Contact spring: CuSn, gold-plated
- Housing: CuZn, nickel-plated
- Adhesive foil for pick and place: PE

Mechanical data
- Mating cycles: 5000
- Insertion force: ≤ 35 N
- Withdrawal force: ≥ 7 N

Electrical data (at T<sub>amb</sub> 20 °C)
- Contact resistance: ≤ 50 mΩ
- Rated current: 0,5 A
- Rated voltage: 5 V AC
- Rated impulse voltage: 100 V/60 s
- Insulation resistance: ≥ 100 MΩ

Associated products
Counterparts:
- 2480
- 2482

*a* adhesive foil for pick and place (2486 01 VP3 only)
*b* printed circuit board layout, components side view
### Designation

<table>
<thead>
<tr>
<th>Designation</th>
<th>Pole Number</th>
<th>PU (Pieces)</th>
<th>MDQ (Pieces)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2486 01</td>
<td>5</td>
<td>200</td>
<td>400</td>
</tr>
<tr>
<td>2486 01 VP3</td>
<td>5</td>
<td>1000</td>
<td>1000</td>
</tr>
</tbody>
</table>

**Packaging:**
2486 01 in a tray, 2486 01 VP3 on reel