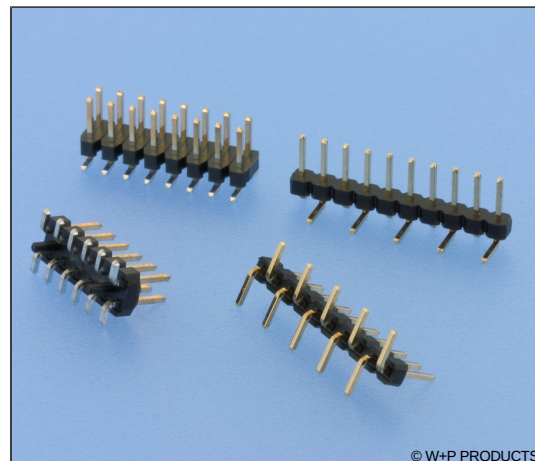


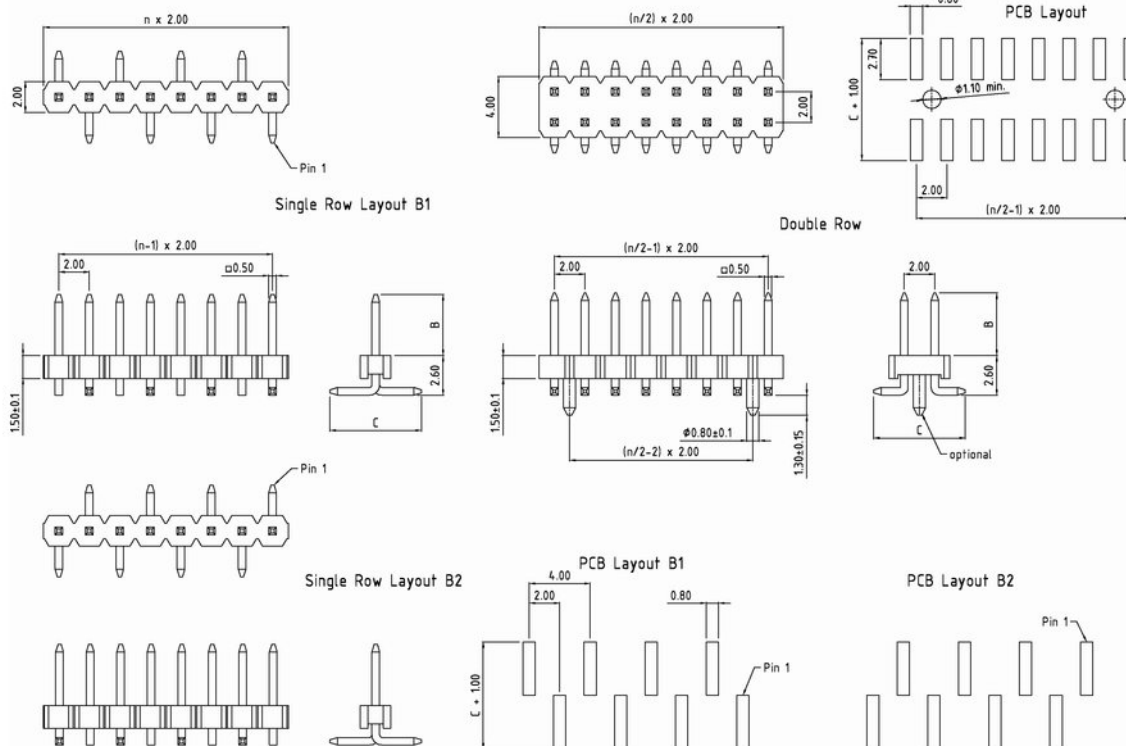
**Technische Daten / Technical Data**

|                       |                                       |
|-----------------------|---------------------------------------|
| Isolierkörper         | Thermoplast, nach UL94 V-0            |
| Insulator             | Thermoplastic, rated UL94 V-0         |
| Kontaktmaterial       | Vierkantstift 0,50mm, Kupferlegierung |
| Contact Material      | 0.50mm square pin, copper alloy       |
| Kontaktoberfläche     | Lt. Oberflächenoptionen, über Ni      |
| Contact Surface       | Acc. to options (see below), over Ni  |
| Durchgangswiderstand  | < 20 mΩ                               |
| Contact Resistance    | < 20 mΩ                               |
| Isolationswiderstand  | > 1000 MΩ                             |
| Insulation Resistance | > 1000 MΩ                             |
| Spannungsfestigkeit   | 1 kV DC                               |
| Test Voltage          | 1 kV DC                               |
| Nennspannung          | 250 V AC                              |
| Voltage Rating        | 250 V AC                              |
| Nennstrom             | 1 A                                   |
| Current Rating        | 1 A                                   |
| Temperaturbereich     | -40 °C ... +125 °C                    |
| Temperature Range     | -40 °C ... +125 °C                    |
| Verarbeitung          | Reflow-Lötverfahren                   |
| Processing            | Reflow soldering                      |



© W+P PRODUCTS

Passende Buchsenleisten:  
 Compatible Female Headers:  
**7450 7451 4160 6192** etc.  
 Weitere siehe Kapitel B  
 Please see ch. B for more



| Series      | Contacts*                                                       | Rows*                                                                                               | Dimensions*                                                                          | Plating*                                                                                    | Locating Pegs*                                                                                                    | Packaging*                  |
|-------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------|
| <b>7351</b> | <b>40</b>                                                       | <b>11</b>                                                                                           | <b>10</b>                                                                            | <b>50</b>                                                                                   | <b>00</b>                                                                                                         | <b>PPST</b>                 |
|             | 03-40 Einreihig<br>Single row<br>04-80 Zweireihig<br>Double row | 11 Einreihig B1<br>Single row B1<br>12 Einreihig B2<br>Single row B2<br>20 Zweireihig<br>Double row | 10 B=4,00 C=7,00mm<br>20 B=4,00 C=6,00mm<br>99 Kundenspezifisch<br>Customer-specific | 00 Vergoldet<br>Gold plated<br>50 Verzinkt<br>Tin plated<br>60 Sel. Au/Sn<br>Duplex plating | 00 Ohne Pos.hilfen<br>W/o loc. pegs<br>10 Mit Pos.hilfen<br>(nur 2-reihig)<br>With loc. pegs<br>(double row only) | ST<br>PPST<br>PPTR (Option) |

**Lieferformen / Packaging Options:**

ST In Stangen ohne Pick&amp;Place-Pads / In tubes w/o Pick&amp;Place-Pads

PPST In Stangen mit P&amp;P-Pads / In tubes with P&amp;P-Pads

PPTR (Option) Tape &amp; Reel mit P&amp;P-Pads / Tape &amp; Reel with P&amp;P-Pads

\* Dies ist ein **Bestellbeispiel** -  
 bitte durch Ihre Spezifikationen ersetzen.  
 \* This is an **order example** -  
 please replace by your specifications.

### Reflow-Lötempfehlung

#### Reflow Soldering Recommendation

Die Bauteile sollten gemäß folgendem Temperatur-Profil in Anlehnung an die IPC/JEDEC J-STD-020C für bleifreies Löten im Reflow-Verfahren verarbeitet werden (Maximalwerte).

| Profileigenschaft                    | Kennwert      |
|--------------------------------------|---------------|
| Temperatur Minimum $T_{Smin}$        | 150 °C        |
| Temperatur Maximum $T_{Smax}$        | 200 °C        |
| Dauer $T_{Smin} - T_{Smax}$          | 60 – 180s     |
| Temperatur Lötbereich $T_L$          | 217 °C        |
| Verweildauer oberhalb $T_L$          | 60 – 180s     |
| Ramp-Up Rate $T_{Smax} - T_P$        | max. 3 °C / s |
| Höchsttemperatur $T_P$               | 260±5 °C      |
| Dauer Höchsttemperatur               | 20 – 40s      |
| Ramp-Down Rate $T_{Pmax} - T_{Smin}$ | 6 °C / s      |
| Dauer 25 °C – Höchsttemperatur $T_P$ | max. 8m       |

Items should be soldered according to IPC/JEDEC J-STD-020C temperature profile for leadfree reflow soldering (maximum values).

| Profile Feature                      | Key Values    |
|--------------------------------------|---------------|
| Minimum Temperature $T_{Smin}$       | 150 °C        |
| Maximum Temperatur $T_{Smax}$        | 200 °C        |
| Duration $T_{Smin} - T_{Smax}$       | 60 – 180s     |
| Soldering Range Temperature $T_L$    | 217 °C        |
| Duration above $T_L$                 | 60 – 180s     |
| Ramp-Up Rate $T_{Smax} - T_P$        | max. 3 °C / s |
| Peak Temperature $T_P$               | 260±5 °C      |
| Duration Peak Temperature            | 20 – 40s      |
| Ramp-Down Rate $T_{Pmax} - T_{Smin}$ | 6 °C / s      |
| Duration 25°C - Peak Temp. $T_P$     | max. 8min     |

