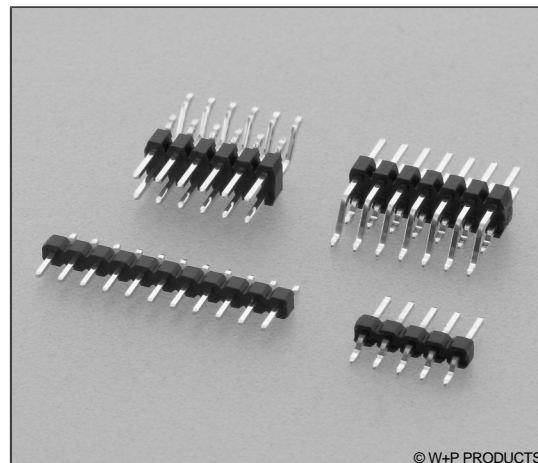


SMT-Stiftheisen RM 2,00mm, liegend, 1-/2-reihig SMT Pin Headers, 2.00mm Pitch, Horizontal, Single/Double Row

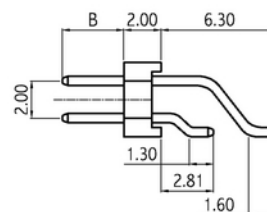
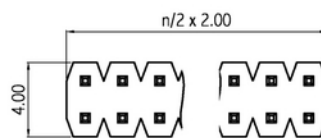
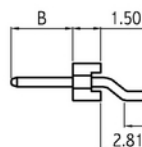
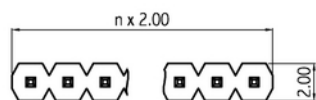
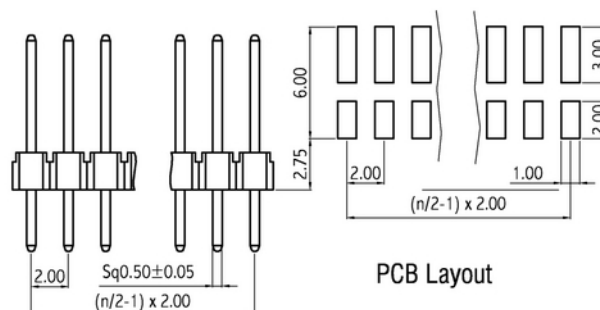
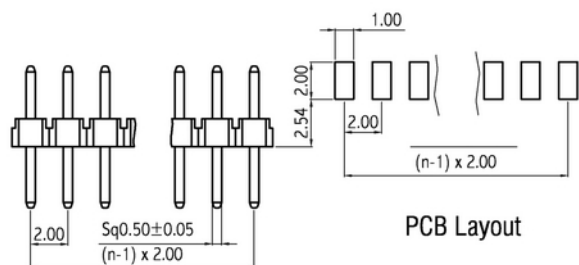
Technische Daten / Technical Data

| | |
|-----------------------|--|
| Isolierkörper | Thermoplastischer Kunststoff, nach UL94 V-0 |
| Insulator | Thermoplastic, rated UL94 V-0 |
| Kontaktmaterial | Vierkantstift 0,50mm, Kupferlegierung |
| Contact Material | 0.50mm square pin, copper alloy |
| Kontaktfläche | Lt. Oberflächenoptionen, über Ni (1,3 ... 2,5µm) |
| Contact Surface | Acc. to options (see below), over Ni (1.3 ... 2.5µm) |
| Durchgangswiderstand | < 20mΩ |
| Contact Resistance | < 20mΩ |
| Isolationswiderstand | > 500MΩ |
| Insulation Resistance | > 500MΩ |
| Spannungsfestigkeit | 500V _{AC} |
| Test Voltage | 500V _{AC} |
| Nennspannung | 250V _{AC} |
| Voltage Rating | 250V _{AC} |
| Nennstrom | 1A |
| Current Rating | 1A |
| Temperaturbereich | -40°C ... +125°C |
| Temperature Range | -40°C ... +125°C |
| Verarbeitung | Reflow-Lötverfahren |
| Processing | Reflow soldering |



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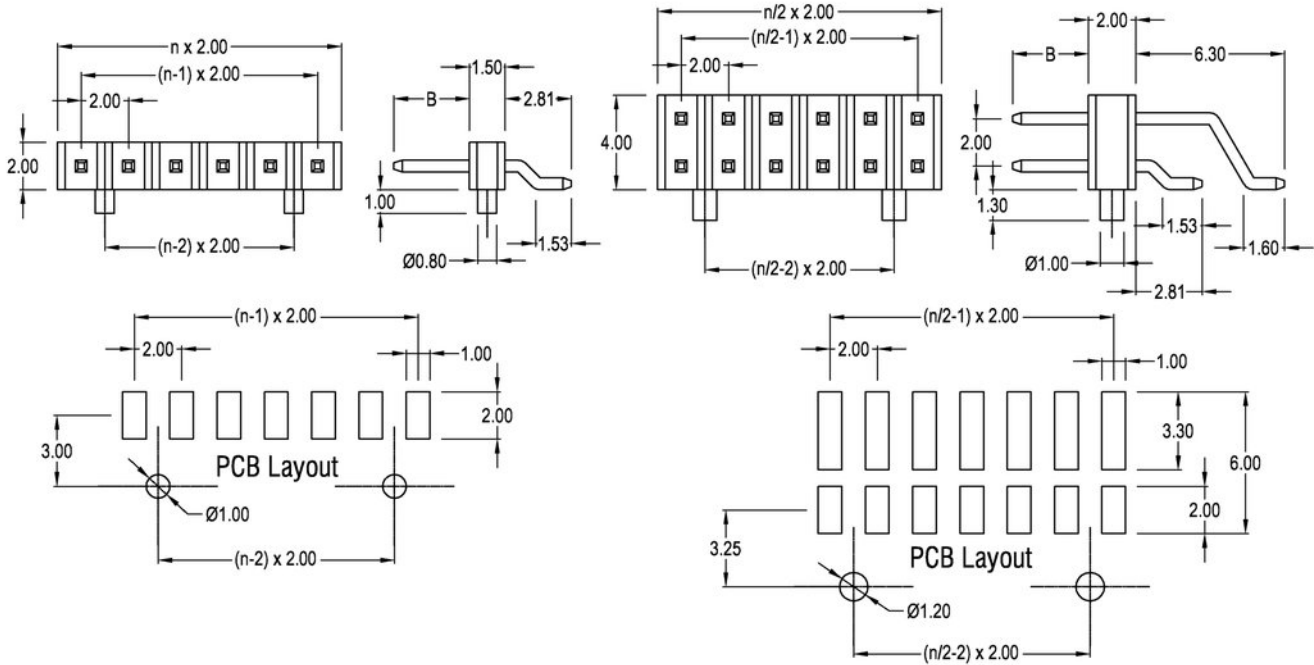
Passende Buchsenleisten:
Compatible Female Headers:
4160 7450 7451 6193 etc.
Weitere siehe Kapitel B
e ch. B for more



| Series | Contacts* | Rows* | Dimensions* | Plating* | Loc. Pegs | Packaging* |
|-------------|--|---|---|---|--|--|
| 7353 | 36 04-36 Einreihig Single row 06-72 Zweireihig Double row | 1 1 Einreihig Single row 2 Zweireihig Double row | 10 10 B=3,20mm 11 B=4,45mm 99 Kundenspezifisch Customer-specific | 50 00 Vergoldet Gold plated 50 Verzinnt Tin plated 60 Sel Au/Sn Duplex plating | 00 00 Ohne Pos.hilfen W/o locating pegs | PPST ST PPST PPTR (Option) |

7353

SMT-Stiftleisten RM 2,00mm, liegend, 1-/2-reihig
SMT Pin Headers, 2.00mm Pitch, Horizontal, Single/Double Row



| Series | Contacts* | Rows* | Dimensions* | Plating* | Loc. Pegs | Packing* |
|-------------|---|---|--|---|---|-----------------------------|
| 7353 | 20 | 2 | 10 | 00 | 10 | ST |
| | 04-36 Einreihig Single row 06-72 Zweireihig Double row | 1 Einreihig Single row 2 Zweireihig Double row | 10 B=3,20mm 11 B=4,45mm 99 Kundenspezifisch Customer-specific | 00 Vergoldet Gold plated 50 Verzinkt Tin plated 60 Sel. Au/Sn Duplex plating | 10 Mit Pos.hilfen With locating pegs | ST PPST PPTR (Option) |

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

Lieferformen / Packaging Options:
ST In Stangen ohne Pick&Place-Pads / In tubes w/o Pick&Place-Pads
PPST In Stangen mit P&P-Pads / In tubes with P&P-Pads
PPTR (Option) Tape & Reel mit P&P-Pads / Tape & Reel with P&P-Pads

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°C ±5 |
| Dauer Höchsttemperatur | 20-40s |
| Ramp-Down Rate $T_{Pmax} - T_{Smin}$ | 6°C / s |
| Dauer 25°C - Höchsttemperatur T_P | Max. 8 min |

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°C ±5 |
| Duration Peak Temperature | 20-40s |
| Ramp-Down Rate $T_{Pmax} - T_{Smin}$ | 6°C / s |
| Duration 25°C - Peak Temp. T_P | Max. 8min |

