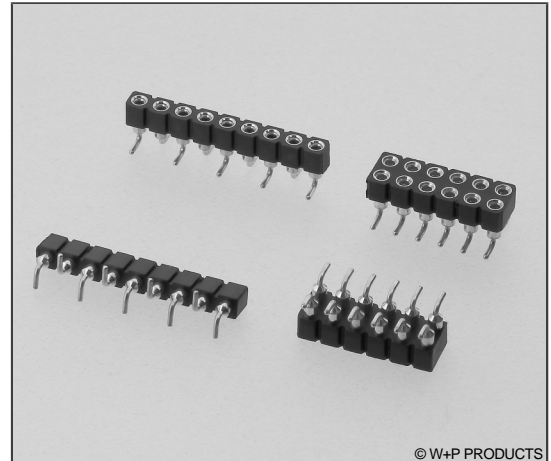


SMT-Präzisions-Buchsenleisten RM 2,54mm, stehend – BH 5,8mm SMT Precision Female Headers, 2.54mm Pitch, Vertical – 5.8mm Profile

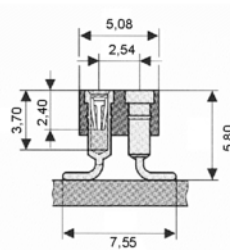
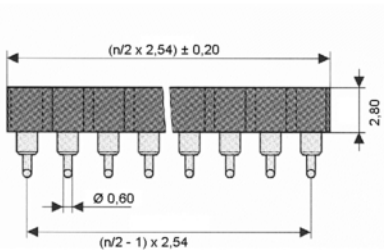
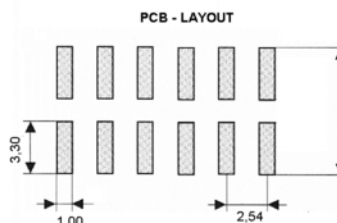
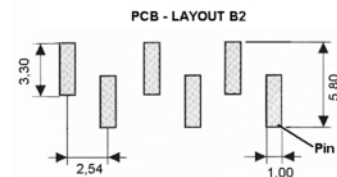
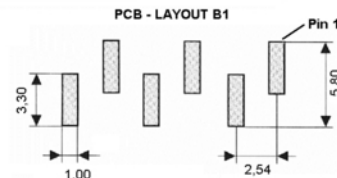
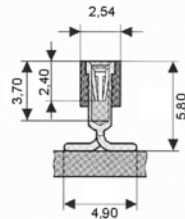
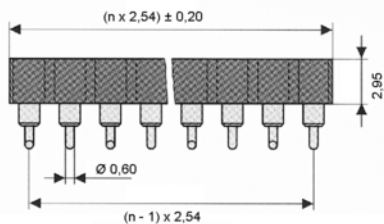
Technische Daten / Technical Data

Isolierkörper <i>Insulator</i>	Thermoplast, nach UL94 V-0 <i>Thermoplastic, rated UL94 V-0</i>
Kontaktmaterial <i>Contact Material</i>	Hülse: Messing gedreht Feder: 6-Lamellen-Clip, Beryllium-Kupfer <i>Sleeve: screw machined brass Clip: 6-Finger-Clip, Beryllium-Copper</i>
Kontaktoberfläche <i>Contact Surface</i>	Lt. Oberflächenoptionen, über Ni (1,3 ... 2,5µm) <i>Acc. to options (see below), over Ni (1.3 ... 2.5µm)</i>
Durchgangswiderstand <i>Contact Resistance</i>	< 10 mΩ
Isolationswiderstand <i>Insulation Resistance</i>	> 1000 MΩ
Spannungsfestigkeit <i>Test Voltage</i>	1 kV RMS
Nennspannung <i>Voltage Rating</i>	100 V RMS / 150 V DC
Nennstrom <i>Current Rating</i>	3 A
Temperaturbereich <i>Temperature Range</i>	-55 °C ... +125 °C
Verarbeitung <i>Processing</i>	Reflow-Lötverfahren <i>Reflow soldering</i>



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Einsetzbar für Rundstifte Ø0,65-0,85mm oder Vierkantstifte 0,635mm. Auf Anfrage für Rundstifte Ø0,40-0,56mm oder Vierkantstifte 0,40x0,25mm erhältlich.
Accept round pins Ø0.65-0.85mm or 0.635mm square pins.
Also available on request for Ø0.40-0.56mm round pins or 0.40x0.25mm rectangular pins.



Series	Contacts*	Rows*	Sleeve Plating	Clip Plating*	Packaging*
1532	010	1	50	00	PPST
	003-011 Einreihig <i>Single row</i> 004-072 Zweireihig <i>Double row</i>	1 Einreihig B1 <i>Single row B1</i> 2 Einreihig B2 <i>Single row B2</i> 3 Zweireihig <i>Double row</i>	50 Hülse verzinkt <i>Tin plated sleeve</i>	00 Feder vergoldet <i>Gold plated clip</i> 10 Feder 0,25µm Gold (Option) <i>0.25µm gold plated clip (Option)</i> 30 Feder 0,75µm Gold <i>0.75µm gold plated clip</i>	ST PPST PPTR (Option)

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*

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

Informationen zum Reflow-Lötverfahren

Reflow Soldering Information

Reflow-Lötempfehlung

Reflow Soldering Recommendation

Die Bauteile sollten gemäß folgendem Temperatur-Profil in Anlehnung an die IPC/JEDEC J-STD-020C für bleifreies Lötten 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

