

Stiftleisten 1-2-reihig - RM 2,00mm Pin Header Strip - Single and Double Row - Pitch 2,00mm

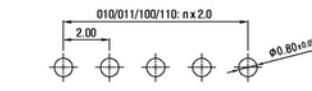
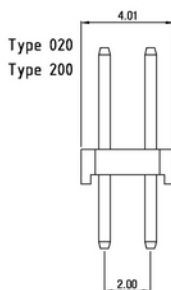
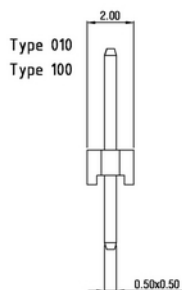
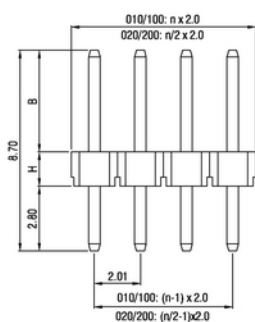
Technische Daten / Technical Data

Isolierkörper	Thermoplastischer Kunststoff, nach UL94 V-0
Insulator	Thermoplastic, rated UL94 V-0
Kontaktmaterial	Vierkantstift 0,50mm, Kupferlegierung
Contact Material	Square pin 0,50mm, copper alloy
Kontaktoberfläche	Lt. Oberflächenoptionen, über Ni (1,3 ... 2,5µm)
Contact Surface	Acc. to options (see below), over Ni (1,3 ... 2,5µm)
Lötbarkeit	IEC512-12A
Solderability	IEC512-12A
Durchgangswiderstand	< 20mΩ
Contact Resistance	< 20mΩ
Isolationswiderstand	> 10 ⁹ Ω
Insulation Resistance	> 10 ⁹ Ω
Spannungsfestigkeit	1000V _{DC}
Test Voltage	1000V _{DC}
Nennspannung	250V _{AC}
Voltage Rating	250V _{AC}
Nennstrom	1A
Current Rating	1A
Temperaturbereich	-40°C ... +105°C
Temperature Range	-40°C ... +105°C
Verarbeitung	Reflow-Lötverfahren; weitere Informationen in Kapitel T
Processing	Reflow-soldering, detailed information in ch. T

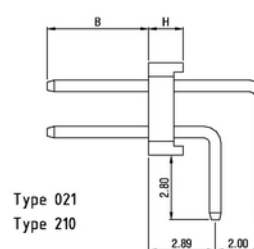
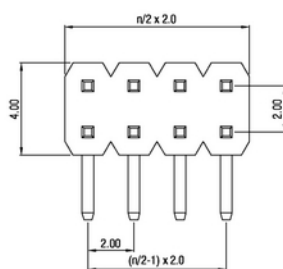
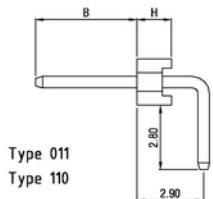
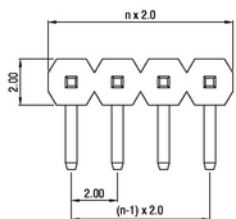
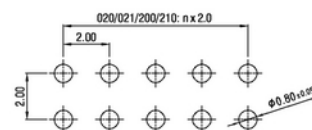


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Passende Buchsenleisten Serie:
Mates with Female Headers Series:
316 / 743 / 744 / 619 / 7450 / 7451



Recomm. PCB Layouts



Series

314

Type*

011

010/020/011/021 H=2,00; B=3,90mm
100/200/110/210 H=1,50; B=4,40mm

Contacts*

040

001-040 Einreihig
Single row
002-080 Zweireihig
Double row

Plating*

60

00 Vergoldet
Gold plated
50 Verzinkt
Tin plated
60 Sel. Au/Sn
Duplex plating Au/Sn

Auf Wunsch werden die Stiftleisten in jeder gewünschten Polzahl gefertigt. Raster 4,00mm, 6,00mm, etc. oder Sonderraster auf Anfrage.
Any number of contacts can be produced. 4,00mm, 6,00mm, etc. and other pitches by request.

(* Bestellbeispiel - Bitte durch Ihre Spezifikationen ersetzen.

* Order example - To be replaced by your specifications.)

TEL.: +49 5223 98507-0
FAX.: +49 5223 98507-50

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E-MAIL: sales@wpro.com
INTERNET: www.wpro.com

Informationen zum Reflow-Lötverfahren

Reflow-Soldering Information

Reflow-Lötverfahren Reflow-Soldering

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

Profil Eigenschaft	Bleifreies Löten
Durchschnitts-Ramp-Up Rate ($T_{S_{max}}$ to T_p)	3°C / Sek. Max.
Vorheizen - Temperatur Min ($T_{S_{min}}$) - Temperatur Max ($T_{S_{max}}$) - Zeit ($t_{S_{min}}$ auf $t_{S_{max}}$)	150°C 200°C 60-180 Sekunden
Verbleiben oberhalb: - Temperatur (T_L) - Zeit (t_L)	217°C 60-180 Sekunden
Peak/Klassifizierung Temperatur (T_p)	260°C +/- 5°C
Zeit innerhalb von 5°C um die Peak-Temperatur (t_p)	20-40 Sekunden
Ramp-Down Rate	6°C / Sekunde max.
Zeit von 25°C bis zur Peak-Temperatur	8 Minuten max.

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

Profile Feature	PB-Free assembly
Average Ramp-Up Rate ($T_{S_{max}}$ to T_p)	3°C / second max.
Preheat - Temperature Min ($T_{S_{min}}$) - Temperature Max ($T_{S_{max}}$) - Time ($t_{S_{min}}$ auf $t_{S_{max}}$)	150°C 200°C 60-180 seconds
Time maintained above: - Temperature (T_L) - Time (t_L)	217°C 60-180 seconds
Peak/Classification Temperature (T_p)	260°C +/- 5°C
Time within 5°C of actual Peak-Temperature (t_p)	20-40 seconds
Ramp-Down Rate	6°C / second max.
Time 25°C to Peak Temperature	8 minutes max.

Empfohlenes Reflow-Lötprofil:

Recommended Reflow-Soldering profile:

