



○ = pinning

All dimensions are in mm

Documents

Interface	RN_121-01
Panel piercing	MB_633
Pinning	RN_143-01
Tape & reel packaging	VG375.22500

Material and plating

Connector parts

Signal contact	Material Brass	Plating / Colour Gold, min. 0.12 µm, over Nickel (Interface)
Outer contact	Zinc alloy	Tin, min. 3 µm, over Nickel (PCB)
Dielectric	LCP	Tin, min. 3 µm, over Nickel
Housing	HTN	nature
		see section "Coding"

Electrical data

Impedance	100 Ω
Frequency	DC to 10 GHz
Return loss	≥ 30 dB, 0.01 GHz to 3 GHz ≥ 25 dB, 3 GHz to 6 GHz ≥ 20 dB, 6 GHz to 10 GHz
Insulation resistance	≥ 100 MΩ
Signal contact resistance	≤ 10 mΩ
Outer contact resistance	≤ 7.5 mΩ
Working voltage	≤ 60 V DC
Power current	≤ 1.5 A DC

Connector only, electrical data in application depends decisively on PCB layout

Mechanical data

Mating cycles	min. 25
Engagement force	≤ 20 N
Retention force latch	≥ 110 N
Coding efficiency	≥ 150 N
Weight	4.5 g

Environmental data

Temperature range	-40 °C to +105 °C
Thermal shock	DIN EN 60068-2-14
Humidity	DIN EN 60068-2-30 @ +40 °C
Dry heat	DIN EN 60068-2-2 @ +105 °C
Vibration	DIN EN 60068-2-64
Mechanical shock	DIN EN 60068-2-27
Soldering profile	DIN EN 60068-2-58; Group 3 (250 °C / 30 sec.)
RoHS	compliant

Packing

Standard	225 pcs in tape & reel
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