



	Male		Female	
	min.	max.	min.	max.
A	Ø 1.50	Ø 1.65	Ø 2.20 nom. ¹⁾	
B	Ø 5.50 nom.		-	Ø 7.00
C	-	-	Ø 7.90	Ø 8.10
D	6.00	7.30	0.80	2.00
E	Ø 4.00 nom.		Ø 4.70 nom.	
F	3/8-24 UNF-2B		3/8-24 UNF-2A	
G	6.50	8.00	6.50	-
H	-	-	8.50	-
I	0.63	0.77	0.63	0.77
K	0.00	0.70	0.00	0.50

Dimensions in mm

¹⁾ Resilient, dimension to meet electrical and mechanical requirements

Interface

According to

N/A

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Technical Data**Rosenberger**

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Mini-UHF

24-000-000_TD

Electrical data

Impedance	50 Ω
Frequency range	DC to 2.5 GHz
Return loss (cable connector straight)	≥ 15 dB (typ.)
Insertion loss	≤ 0.1 x √f [GHz] dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 3 mΩ
Test voltage	1000 V rms
Working voltage	335 V rms
Contact current	≤ 10 A DC

Mechanical data

Mating cycles	≥ 500
Center contact captivation	axial: ≥ 20 N

Environmental data

Temperature range	-55 °C to +85 °C
Corrosion resistance	MIL-STD-202, Method 101, Condition B
Max. soldering temperature (PCB connectors)	IEC 61760-1, +260 °C for 10 sec.

Materials**Connector parts**

	Material	Plating
Spring loaded contact parts	CuSn	Ag
Center contact	CuZn	Ag
Outer contact	CuZn	Ni
Crimping ferrule	Cu	Ni
Dielectric	PS / PTFE	
Gasket	Silicone / Rubber	

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