



*Position of the contact when mounting into the housing
acc. to 23 MV - A002*

All dimensions are in mm; tolerances according to ISO 2768 m-H

Documents

Instruction for Removal of the Contacts 23 MV-A002

Material and plating

Connector parts

Center contact
Outer contact
Dielectric
Substrate

Material

CuBe
CuBe
PTFE
Al₂O₃

Plating

Gold, min. 0.8 µm, over nickel
Gold, min. 0.8 µm, over nickel

Technical Data Sheet

Rosenberger

Mini-Coax

Termination
Jack

23K15A-010E4

Electrical data

Impedance	50 Ω
Frequency range	DC to 10 GHz
Return loss	≥ 26 dB, DC to 4 GHz ≥ 18 dB, 4 GHz to 10 GHz
Center contact resistance	≤ 10 m Ω
Outer contact resistance	≤ 3 m Ω
Power handling	0.25 W at 25 °C

Mechanical data

Mating cycles	≥ 500
Engaging and disengaging force	1 N to 4 N

Environmental data

Temperature range	-40°C to +85°C
Climatic class	IEC 60068-2-1 40/85/21 IEC 60068-2-2 IEC 60068-2-3
Mechanical shock	IEC 60068-2-27 50G halvesinus, 2 shocks/axis during 11 sec.
RoHS	compliant

Tooling

Extraction tool for Metral insert	11W108-K00
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Packing

Weight	0.24 g/pce
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While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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