



*Position of the contact when mounting into the housing
acc. to 23 MV - A001*

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

Documents

Instruction for Removal of the Contacts 23 MV-A001

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

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RF_35/09.14/6.2

Technical Data Sheet

Rosenberger

Mini-Coax

Termination
Plug

23S15A-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 halfsinus, 2 shocks/axis during 11 sec.
RoHS	compliant

Tooling

Extraction tool for Metral insert	11W108-S00
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Packing

Weight	0.21 g/pce
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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