

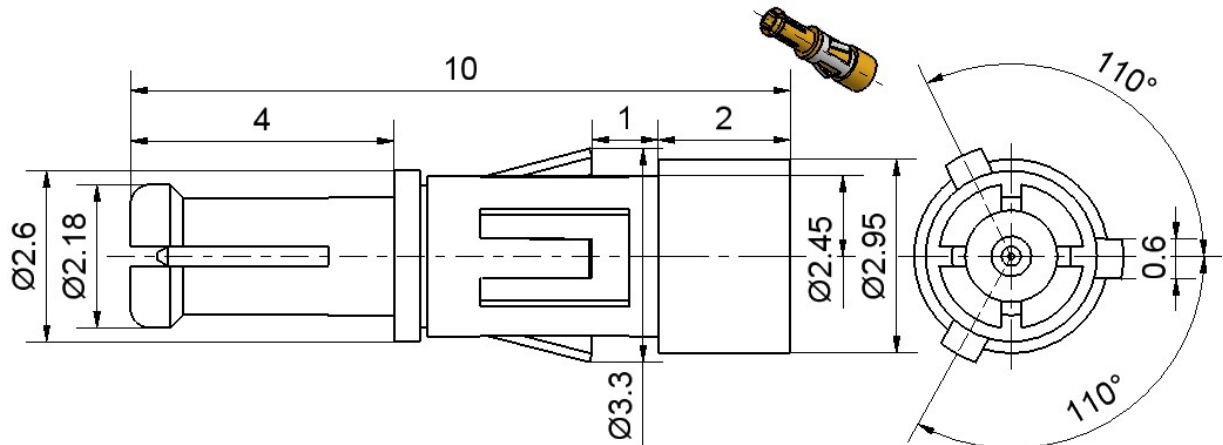
Technical Data Sheet

Rosenberger

Mini-Coax

Termination
Plug

23S15A-010E4



*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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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 mΩ					
Outer contact resistance		≤ 3 mΩ					
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					
Packing							
Weight		0.21 g/pce					
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