

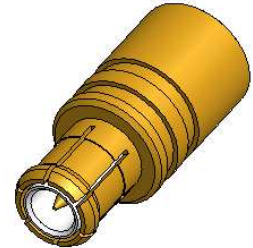
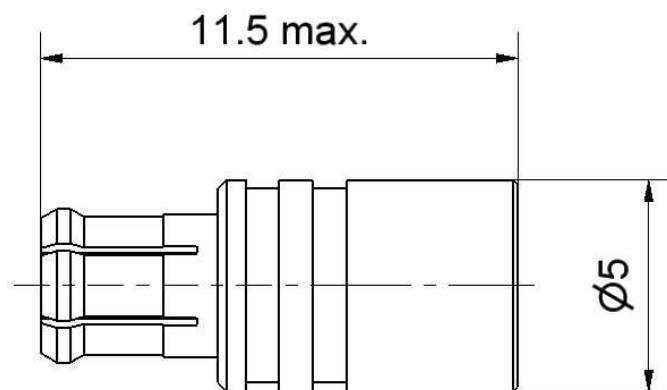
Technical Data Sheet

Rosenberger

MCX

Termination
Plug 1 Watt

29S15R-1.0E3



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

Interface

According to

IEC 61169-36

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Dielectric
Substrate

Material

Brass
Beryllium copper
PTFE, Silicone
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel

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Technical Data Sheet				Rosenberger			
MCX		Termination Plug 1 Watt		29S15R-1.0E3			
Electrical data Impedance50 Ω FrequencyDC to 6 GHz Return loss≥ 23.1 dB, DC to 4 GHz ≥ 17.7 dB, 4 GHz to 6 GHz Power handling (at 25 °C, sea level)1 W at 2.5 GHz, derated linearity by 0.01 W/K Mechanical data Mating cycles≥ 500 Center contact captivation≥ 10 N Engagement force≤ 25 N Disengagement force8 N to 20 N Environmental data Temperature range-55 °C to +155 °C RoHScompliant Tooling N/A Suitable cables N/A Packing Standard100 pcs in bag Weight0.7 g/pce							
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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