



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

Interface
According to IEC 60169-36

Documents
N/A

Material and plating	Material	Plating
Connector parts		
Center contact	Brass	Gold, min. 1.27 µm, over nickel
Outer contact	Beryllium copper	Gold, min. 0.8 µm, over nickel
Dielectric	PTFE	
Substrate	Al ₂ O ₃	
Insulator	Silicone	

MCX TERMINATION
PLUG 1 WATT

29S15R-1.0E3

Electrical data

Impedance 50 Ω
 Frequency DC to 6 GHz
 Return loss ≥ 23.1 dB, DC to 4 GHz
 ≥ 17.7 dB, 4 to 6 GHz
 Center contact resistance ≤ 5 mΩ
 Outer contact resistance ≤ 2.5 mΩ
 Power handling 1 W at 25°C
 derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles ≥ 500
 Engagement force ≤ 25 N
 Disengagement force 8 N - 20 N
 Center contact captivation ≥ 10 N

Environmental data

Temperature range -55°C to +155°C

Tooling

N/A

Suitable cables

N/A

Packing

Standard 100 pcs in bag
 Weight 0.7 g/pce

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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