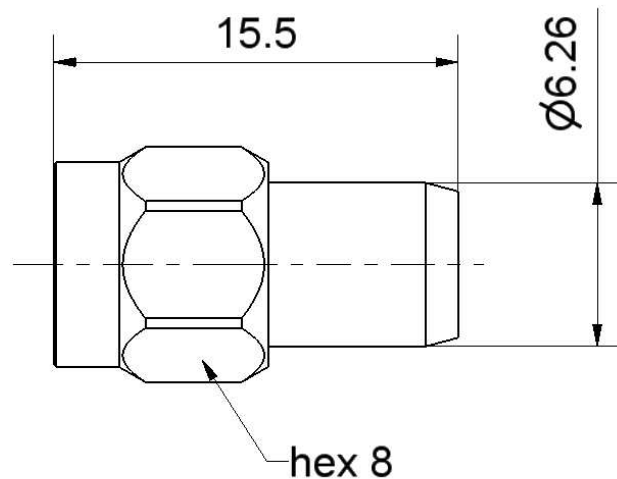


All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

IEC 60169-15; EN 122110; MIL-STD-348

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Coupling nut
Dielectric
Gasket
Substrate

Material

Brass
Brass
Brass
PTFE
Silicone
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel
Gold, 0.1 µm min.

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RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
SMA		Termination Plug 0.5 Watt		32S15R-0.5E3			
Electrical data Frequency rangeDC to 12.4 GHz Return loss≥ 32.2 dB, DC to 2 GHz ≥ 26.4 dB, 2 GHz to 8 GHz ≥ 21.2 dB, 8 GHz to 12.4 GHz DC Resistance50 Ω ± 2.5 Ω Impulse Power (1µs, 1%)100 Watts at 25°C environment temperature Power handling≤ 0.5 W at 25°C derated linearity to 0 Watts at 155°C Mechanical data Mating cycles≥ 500 Maximum torque1.70 Nm Recommended torque0.90 Nm Gauge0.00 mm to 0.25 mm Environmental data Temperature range-55 °C to +155 °C RoHScompliant Packing Standard100 pcs in blister Weight3.4 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
Kerstin Herzog	10.02.05	Markus Müller	15.09.16	c00	16-1390	Marion Striegler	15.09.16
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