



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

SMA

Termination
Plug 1 Watt

32S17B-1.0E3

Electrical data

Frequency range	DC to 18 GHz
Return loss	≥ 26.4 dB, DC to 1 GHz ≥ 19.1 dB, 1 GHz to 18 GHz
DC Resistance	50 Ω ± 2.5 Ω
Impulse Power (1μs, 1%)	100 Watts at 25°C environment temperature
Power handling	≤ 1 W at 25°C derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	≥ 500
Maximum torque	1.70 Nm
Recommended torque	0.90 Nm
Gauge	0.00 mm to 0.25 mm

Environmental data

Temperature range	-55 °C to +155 °C
RoHS	compliant

Packing

Standard	100 pcs in blister
Weight	2.3 g/pce

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