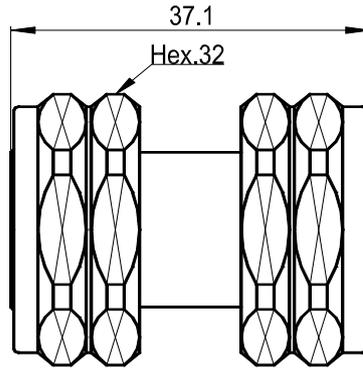


TECHNICAL SPECIFICATION

7/16M-7/16M A



7/16 Type male to 7/16 Type male

ID:2.4.81.2121.1

Rev: A0

Material and Plating

Center contact	Brass / Silver Plated
Outer contact & Body	Brass / Trimetal Plated
Dielectric	PTFE
Gasket	Silicon Rubber
Nut	Brass / Nickel Plated

Electrical Specifications

Characteristics Impedance	50 Ohm
Frequency Range	DC~7.5GHz
Insulation Resistance	≥10000MΩ
Dielectric Withstanding Voltage	4000V rms
Operating Voltage	2500V rms
Center contact resistance	≤0.40mΩ
Outer contact resistance	≤0.20mΩ
Insertion Loss	@DC-3.0 GHz ≤0.17dB
VSWR	@0.8-1.0 GHz ≤1.08
	@1.0-3.0 GHz ≤1.10
PIM3	≤-155dBc

Environmental & Mechanical Specifications

Durability (matings)	≥500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-65°C to +165°C
RoHS	Compliant

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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