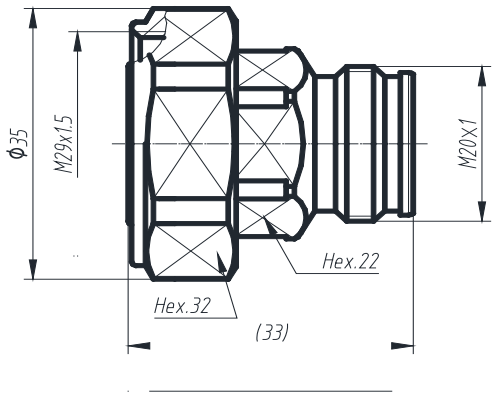


TECHNICAL SPECIFICATION

7/16M-4.310F



7/16 Straight male To 4.3-10
Straight Female

ID: 2.4.81.8221.1(01)

Rev: A0

Material and Plating

Center contact	Tin-bronze / Silver Plated
Outer contact	Tin-bronze / Silver Plated
Body	Brass / Silver Plated
Dielectric	PTFE
Gasket	Silicon Rubber
Nut	Brass / Trimetal Plated

Electrical Specifications

Characteristics Impedance	50 Ohm	
Frequency Range	DC~6.0GHz	
Insulation Resistance	≥10000MΩ	
Dielectric Withstanding Voltage	2500V rms	
Operating Voltage	1400V rms	
Contact resistance	7/16 type	4.3-10 type
Center contact resistance	≤0.40mΩ	≤1.5mΩ
Outer contact resistance	≤0.20mΩ	≤1.5mΩ
Insertion Loss	@DC-3 GHz	≤0.10dB
VSWR	@DC-3 GHz	≤1.10
PIM3(2*43dBm)	≤-160dBc	

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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