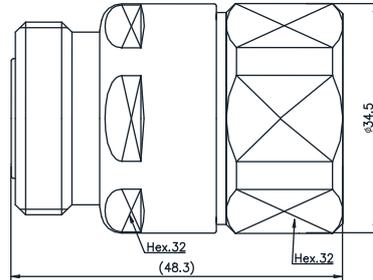




Product specification

HUGHES 7/16 FEMALE CLAMP CONNECTOR FOR 7/8" LLCF

08-HE1A22L4



Specification

Material Specifications

Inner Conductor	Tin Bronze / Silver Plating
Outer Conductor & Body	Brass / Trimetal Plating
Insulator	PTFE/TPX
Gasket	Silicon Rubber

Electrical Specifications

Characteristics Impedance	50 Ohm	
Interface Frequency Range	DC~6.0GHz	
Insulation Resistance	≥5000MΩ	
Dielectric Withstanding Voltage	4000V rms	
Operating Voltage	2700V rms	
Center contact resistance	≤0.4mΩ	
Outer contact resistance	≤0.2mΩ	
Insertion Loss	@DC-2.7 GHz	≤0.1dB
	@2.7-6.0 GHz	≤0.15dB
VSWR	@0.8-1.0 GHz	≤1.08
	@1.7-2.7 GHz	≤1.10
	@2.7-6.0 GHz	≤1.20
PIM3 (2*43dBm)	@1800MHz	≤-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	-45°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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