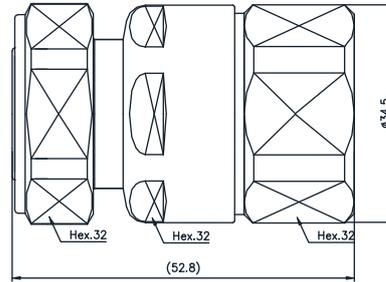




Product specification

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

08-HE1A12L4



Specification

Material Specifications

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

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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Hughes Electronics Ltd
 Unit G, Southwark Business Center,
 Ayres Street, London, SE1 1ES, UK
 Co. No. 2827242 VAT No. 653 5771 17

Tel: (44) 020 7378 1400
 Fax: (44) 020 7378 1434
 email: sales@hugheselectronics.co.uk
 web: www.hugheselectronics.co.uk



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