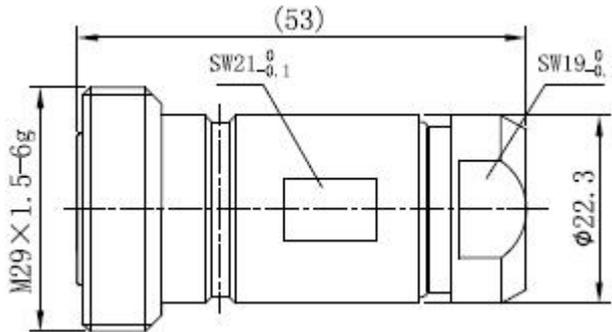




Product specification

HUGHES 7/16 FEMALE CLAMP CONNECTOR FOR 1/2" SCF

08-RF01212



Interface

According to

IEC 60169-4

Electrical

Characteristic Impedance

50 ohm

Frequency Range

DC-7.5GHz

VSWR

$\leq 1.10(0-3G)$

$\leq 1.20(3-4G)$

PIM Intermodulation@2-tonex20w

≤ -160 dBc

Dielectric Withstanding Voltage

$\geq 4000V$ RMS,50Hz,at sea level

Dielectric Resistance

$\geq 10000M\Omega$

Contact Resistance

Center Contact $\leq 0.4m\Omega$

Outer Contact $\leq 0.2m\Omega$

Mechanical

Durability

Mating cycles ≥ 500 cycles

Material and Plating

	Material	Plating
Body	Brass	Tri-Alloy
Center conductor	Phosphor Bronze	Ag
Insulator	PTFE	-
Gasket	Silicone rubber	-
Other	Brass	Tri-alloy/Ni

Environmental

Temperature Range

$-40^{\circ}C \sim +85^{\circ}C$

Watertightness

IP68

RoHS-compliance

Full RoHS Compliance

Salt-fog test

96h

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