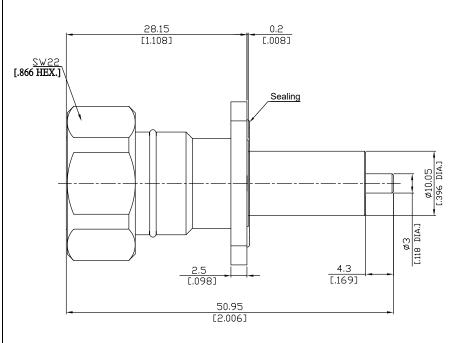
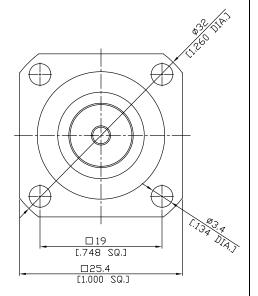


Technical Data Sheet

4.3-10 jack (female) Connector 4 Panel Receptacle Mount Stub Terminal, 19mm (.748 inch) Hole Spacing DC- 12 GHz VSWR1.20 (Low PIM)

43102GFA50-4380A / H4-LP





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Intertace According to

Interface

Electrical Data

Impedance Frequency

VSWR (Return Loss)
Insertion Loss

Insulation Resistance
Center contact resistance
Outer contact resistance
Test voltage
Working voltage

RF-leakage

Power handling

IEC 61169-54

50 Ω

DC to 12 GHz

DC-6 GHz: \leq 1.20 (\geq 20.83 dB) DC-6 GHz: \leq 0.1 x \sqrt{F} (GHz) dB

 $\geq 5 \text{ G}\Omega$ $\leq 1.0 \text{ m}\Omega$ $\leq 1.0 \text{ m}\Omega$

2500 V rms 500 V rms

≥110 dB @ DC to 6 GHz for tool tightened plugs

 $\geq 70~\text{dB}$ @ 3 to 6 GHz for tool-less plugs

500 W @ 2.0 GHz 0.4 - 4 GHz: ≥ 155 dBc

Electrical values valid for the interface only. Actual values will depend on application and manufacturing method.

Material And Plating

Piece Parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicon Rubber	

The facts and figures herein are carefully compiled to the best of our	Rev.:-	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	
In the effort to improve our products, we reserve the right to make changes	Date:	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	JUL/16/2021	N-CAGE Code: SFKK0 / ISO9001 Certified	1/2



Technical Data Sheet

4.3-10 jack (female) Connector 4 Panel Receptacle Mount Stub Terminal, 19mm (.748 inch) Hole Spacing DC- 12 GHz VSWR1.20 (Low PIM)

43102GFA50-4380A / H4-LP

Mechanical Data

Coupling mechanismsScrew-lockMating Cycles ≥ 500 Terminal TypeStub

Captivated Type Mechanical Captivation

Recommended torque 5 Nm

Environmental Data

Temperature Range
Thermal shock
Corrosion
Vibration
Shock
Moisture Resistance
RoHS
Packing

-65°C to +165°C IEC 61169-1 9.4.4 ISO 21207 method B

IEC 61169-1 9.3.3 and IEC 60068-2-64

IEC 61169-1 9.3.14 IEC 60529, IP68 1.5 h / 1 m

compliant

Single or 100

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