TA-JFNM

2.2-5 Female to N Male Low-PIM Adapter

Product Classification

Product Type	Adapter

General Specifications

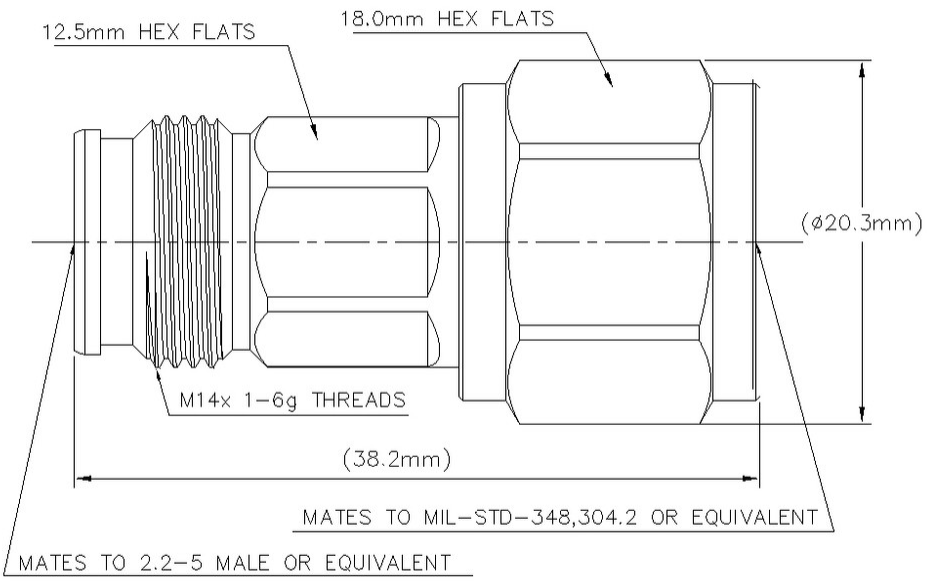
Body Style	Straight
Inner Contact Plating	Silver
Interface	2.2-5 Female
Interface 2	N Male
Mounting Angle	Straight
Outer Contact Plating	Trimetal

Dimensions

Length	38.18 mm | 1.503 in
Diameter	20.25 mm | 0.797 in

Outline Drawing

TA-JFNM



Electrical Specifications

3rd Order IMD at Frequency	-163 -dBc @ 1800 MHz
3rd Order IMD Test Method	Two +43 dBm carriers
Connector Impedance	50 ohm
dc Test Voltage	1500 V
Inner Contact Resistance, maximum	1.5 mOhm
Insulation Resistance, minimum	5000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm

VSWR/Return Loss

Frequency Band	VSWR	Return Loss (dB)
0–3000 MHz	1.065	30.04
3000–6000 MHz	1.083	27.99

Mechanical Specifications

Coupling Nut Proof Torque	3 N-m | 26.552 in lb

Coupling Nut Retention Force	200 N | 44.962 lbf
Interface Durability	100 cycles
Mechanical Shock Test Method	IEC 60068-2-27

Environmental Specifications

Operating Temperature	-55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature	-65 °C to +125 °C (-85 °F to +257 °F)
Attenuation, Ambient Temperature	20 °C | 68 °F
Average Power, Ambient Temperature	40 °C | 104 °F
Average Power, Inner Conductor Temperature	100 °C | 212 °F
Climatic Sequence Test Method	IEC 60068-1
Corrosion Test Method	IEC 60068-2-11
Damp Heat Steady State Test Method	IEC 60068-2-3
Thermal Shock Test Method	IEC 60068-2-14
Vibration Test Method	IEC 60068-2-6

Packaging and Weights

Weight, net	34.94 g | 0.077 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant