COAXIAL

Adapter

24F-KM+

50Ω DC to 40 GHz 2.4 mm-Female to 2.92 mm-Male

KEY FEATURES

- Ultra-Wideband, DC to 40 GHz
- Low Insertion Loss, 0.08 dB Typ.
- Excellent VSWR, 1.04:1 Typ.
- Straight Body

Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' 24F-KM+ is a coaxial 2.4 mm-Female to 2.92 mm-Male adapter supporting a wide range of applications from DC to 40 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The 24F-KM+ features passivated stainless-steel construction and measures only 0.78" in length.

ELECTRICAL SPECIFICATIONS[1] AT +25 °C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		40	GHz
Insertion Loss	DC-40	-	0.08	0.47	dB
VSWR	DC-40	-	1.04	1.20	:1

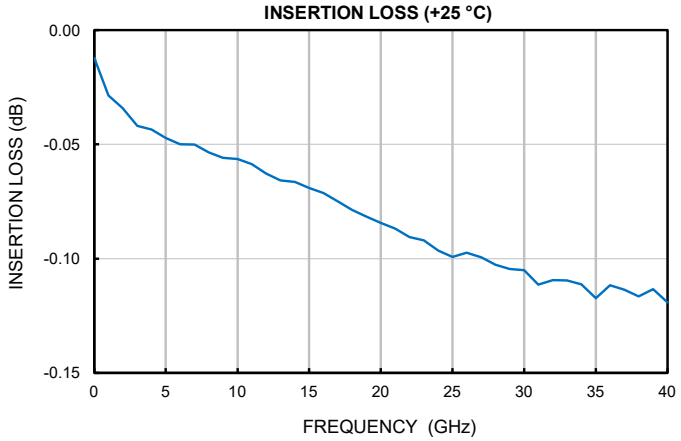
1. Specifications are tested to minimum frequency of 0.01 GHz.

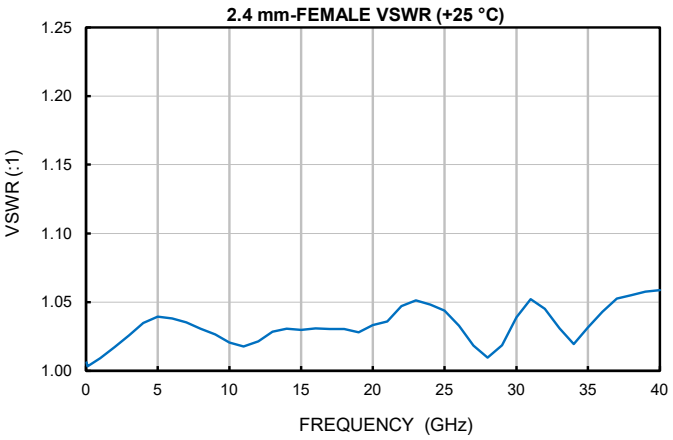
ABSOLUTE MAXIMUM RATINGS[2]

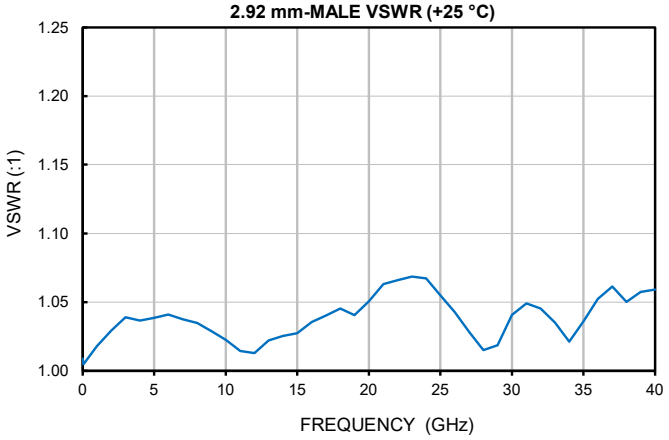
Operating Case Temperature	-45 °C to +125 °C
Storage Temperature	-45 °C to +125 °C

2. Permanent damage may occur if any of these limits are exceeded.

TYPICAL PERFORMANCE GRAPHS







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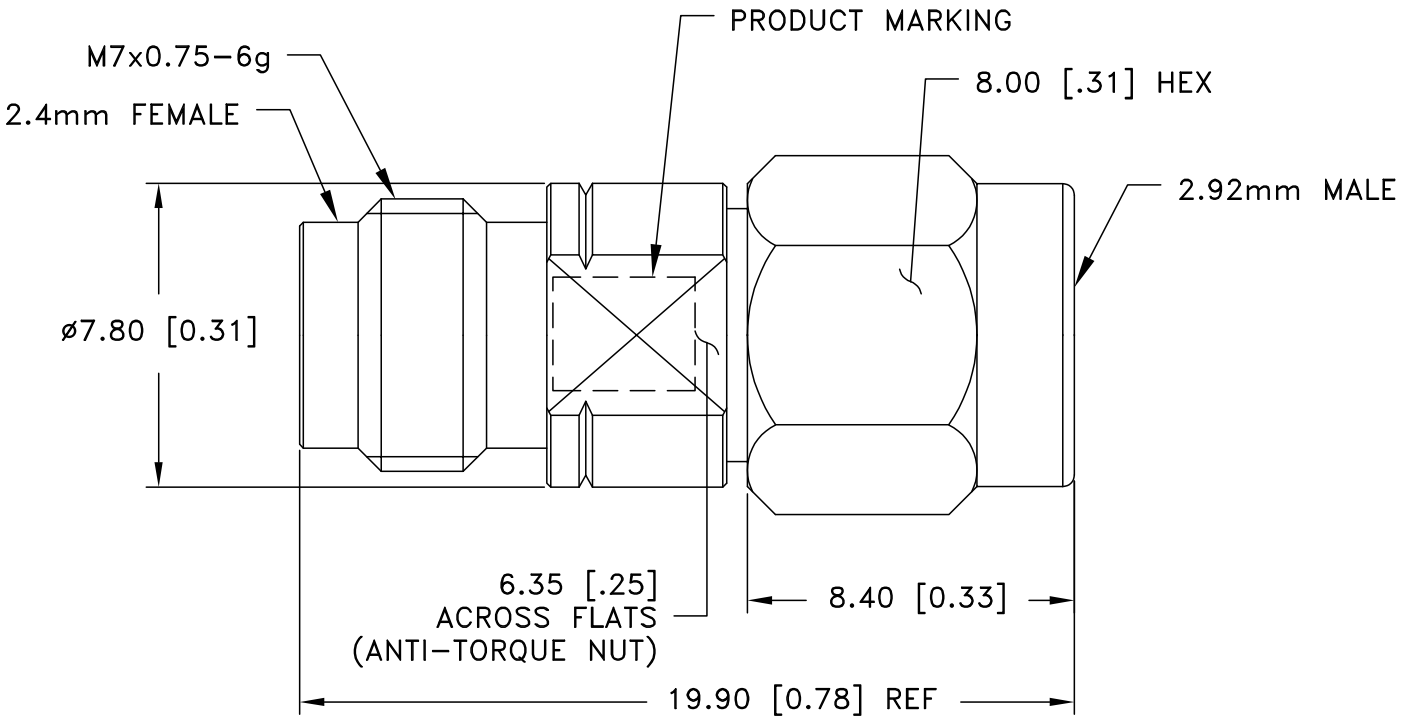
CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	2.4 mm-Female	2.92 mm-Male
Orientation	Straight	Straight

CASE STYLE DRAWING



Weight: 4.5 grams
Dimensions are in mm [inches]. Tolerances: 2 Pl ±.40 mm

PRODUCT MARKING*: 24F-KM+

*Marking may contain other features or characters for internal lot control.

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ADDITIONAL INFORMATION IS AVAILABLE ON OUR DASHBOARD CLICK HERE

Performance Data & Graphs	Data Graphs S-Parameter (S2P Files) Data Set (.zip file)
Case Style	DJ3748-2
RoHS Status	Compliant
Environmental Ratings	ENV152

Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuits' applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document are subject to Mini-Circuits' standard limited warranty and terms and conditions (collectively, "Standard Terms"; Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the standard terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/terms/viewterm.html