COAXIAL

Adapter

KFR-35M+

50Ω DC to 33 GHz Right-Angle 2.92mm Female to 3.5mm Male

KEY FEATURES

- Ultra-Wideband, DC to 33 GHz
- Low Insertion Loss, 0.14 dB Typ.
- Excellent VSWR, 1.06:1 Typ.
- Right-Angle Body

Generic photo used for illustration purposes only

PRODUCT OVERVIEW

Mini-Circuits' KFR-35M+ is a coaxial 2.92 mm Right-Angle Female to 3.5 mm Male adapter supporting a wide range of applications from DC to 33 GHz. This model provides excellent VSWR and low insertion loss versus frequency. The KFR-35M+ features passivated stainless-steel construction and measures only 0.711" in length.

ELECTRICAL SPECIFICATIONS[1] AT +25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range	-	DC	-	33	GHz
Insertion Loss	0.01-33	-	0.14	0.44	dB
VSWR	0.01-33	-	1.06	1.35	:1

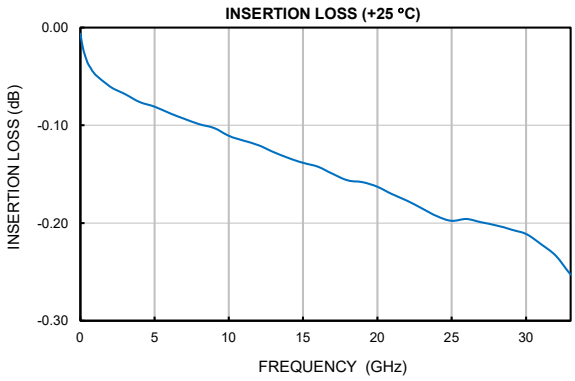
1. Specifications are tested to minimum frequency of 0.01 GHz

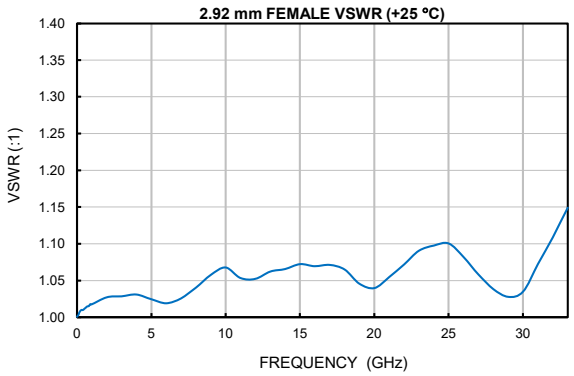
ABSOLUTE MAXIMUM RATINGS[1]

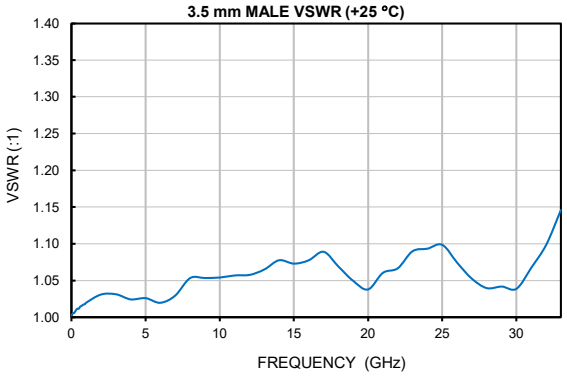
Operating Case Temperature	-45° C to +125° C
Storage Temperature	-45° C to +125° C

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

TYPICAL PERFORMANCE GRAPHS







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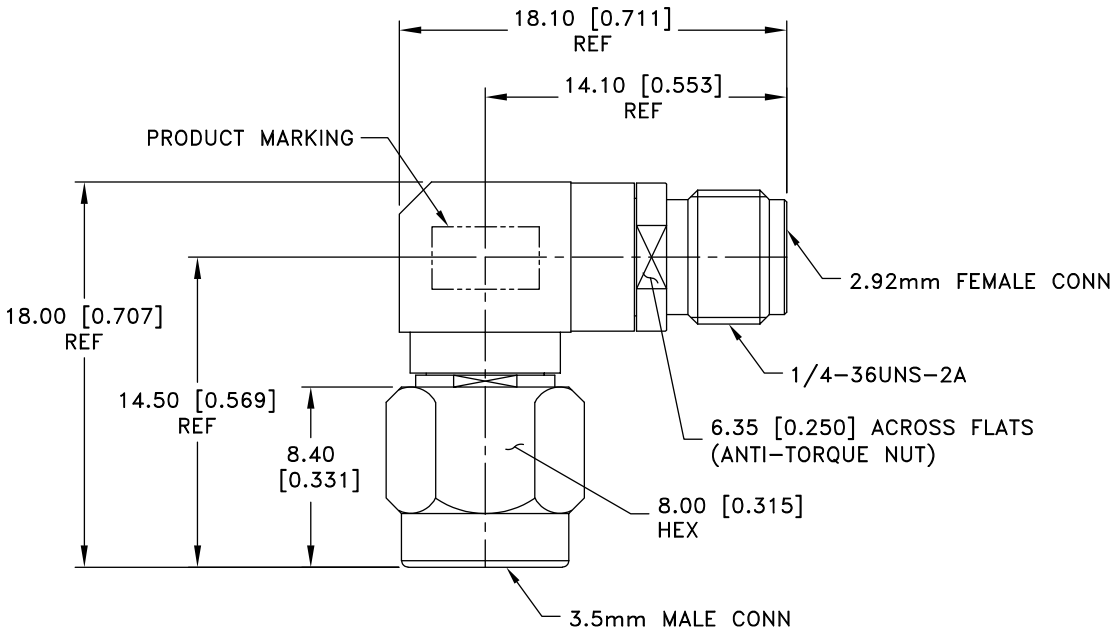
CONNECTOR SPECIFICATIONS

Description	Connector 1	Connector 2
Connector Type	2.92 mm-Female	3.5 mm-Male
Orientation	Right-Angle	Straight

CASE STYLE DRAWING



Weight: 8.1 grams
Dimensions are in mm [inches]. Tolerances: 2 PL± 0.40 mm

PRODUCT MARKING*: KFR-35M+

*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	DJ3790-3
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-Circuit's 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