2.92mm Male to 3.5mm Male Miter Right Angle Adapter

RF Adapters Technical Data Sheet

ET11965

Configuration

- 2.92mm Male Connector 1
- 3.5mm Male Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

Features

- Max VSWR of 1.25:1 up to 34.5 GHz
- 4 µin. Minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET11965 2.92mm male to 3.5mm male miter right angle adapter is part of our full line of RF components available for same-day shipping. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. Our 2.92mm to 3.5mm adapter has a male to male gender configuration built of durable stainless steel. ET11965 2.92mm male to 3.5mm male adapter operates to 34.5 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.25:1 maximum. This miter right angle 2.92mm to 3.5mm adapter allows for easier connections in tight spaces.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		34.5	GHz
VSWR			1.25:1	

Mechanical Specifications

Size

Length	0.704 in [17.88 mm]
Width	0.315 in [8 mm]
Height	0.677 in [17.2 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2.92mm Male to 3.5mm Male Miter Right Angle Adapter ET11965

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Description	Connector 1	Connector 2
Type	2.92mm Male	3.5mm Male
Polarity	Standard	Standard
Hex Size	5/16 Inch	5/16 Inch

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	2.92mm Male		3.5mm Male	
Contact	Beryllium Copper	Gold over Nickel 4 µin. Minimum	Beryllium Copper	Gold over Nickel 4 µin. Minimum
Insulation	Oxide-Noryl		Oxide-Noryl	
Body	Passivated Stainless Steel		Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel		Passivated Stainless Steel	

Compliance Certifications (see product page for current document)

2.92mm Male to 3.5mm Male Miter Right Angle Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 2.92mm Male to 3.5mm Male Miter Right Angle Adapter ET11965

URL: https://www.ebeestock.com/2-92mm-male-to-3-5mm-male-miter-right-angle-adapter-0011965

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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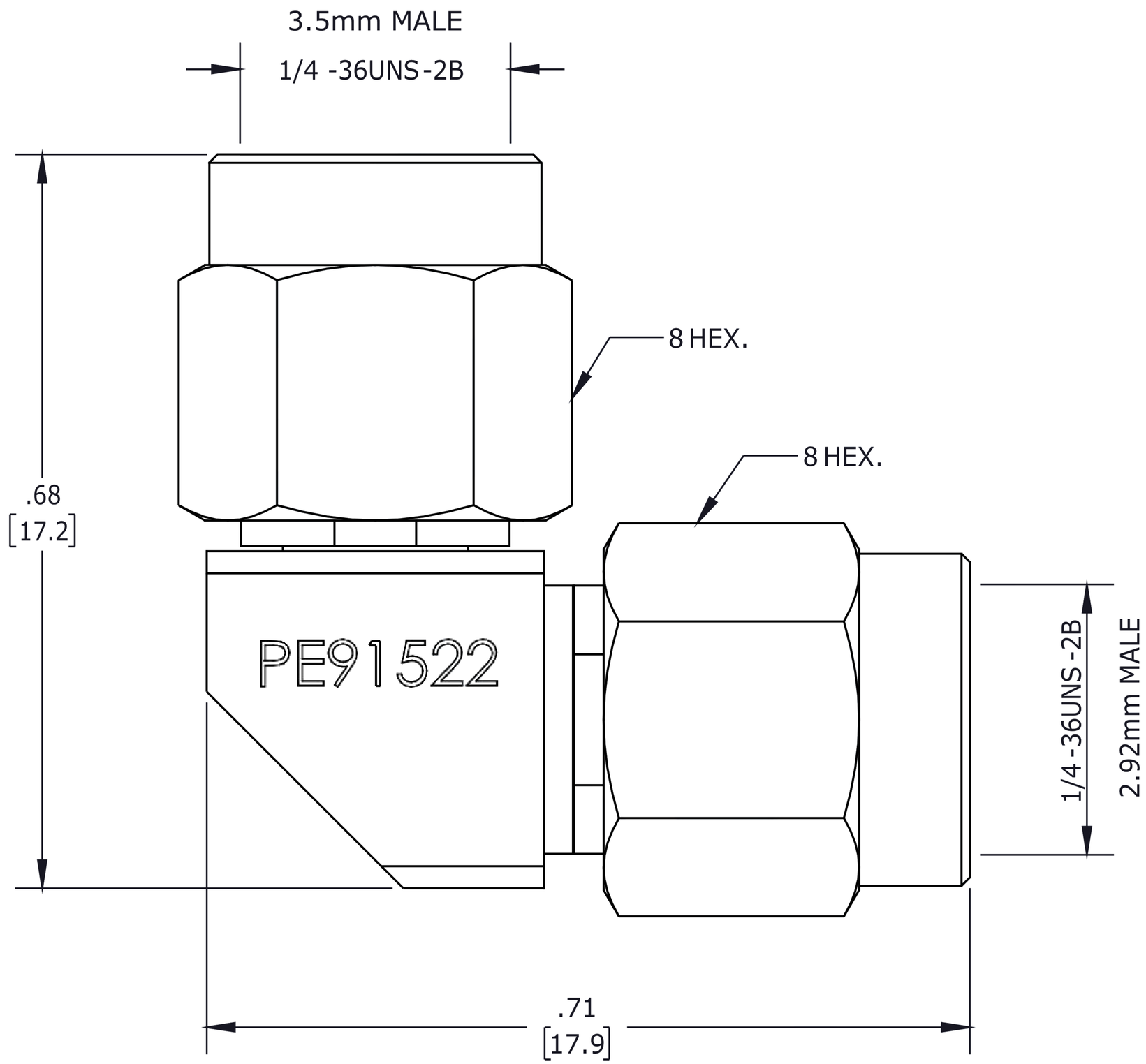
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/15/2021	SELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]

FRACTIONS
± 1/32
ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	MVEERAPPAN	ET11965	A

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