

SMA Male to 3.5mm Female Adapter



RF Adapters Technical Data Sheet

ET12698

Configuration

- SMA Male Connector 1
- 3.5mm Female Connector 2

- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.2:1 up to 27 GHz
- 4 μin over 80μin contact plating

Gold over Nickel Plated Beryllium Copper Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Ebeestock's ET12698 SMA male to 3.5mm female adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to 3.5mm adapter has a male to female gender configuration. ET12698 SMA male to 3.5mm female adapter operates to 27 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.2:1 maximum.

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		27	GHz
VSWR			1.2:1	

Mechanical Specifications

Size	
Length	0.844 in [21.44 mm]
Width	0.312 in [7.92 mm]
Height	0.312 in [7.92 mm]
Weight	0.65 lbs [294.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to 3.5mm Female Adapter ET12698

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Description	Connector 1	Connector 2
Туре	SMA Male	3.5mm Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connector 1		Connector 2		
Description	n Material	Plating	Material	Plating	
Туре	SMA Male		3.5mm Female		
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		4 µin over 80µin		4 µin over 80µin	
Insulation	PTFE		PTFE		
Outer Conducto	or		Passivated Stainless Steel		
Body	Passivated Stainless Steel				
Coupling Nut	Passivated Stainless Steel				

Compliance Certifications (see product page for current document)

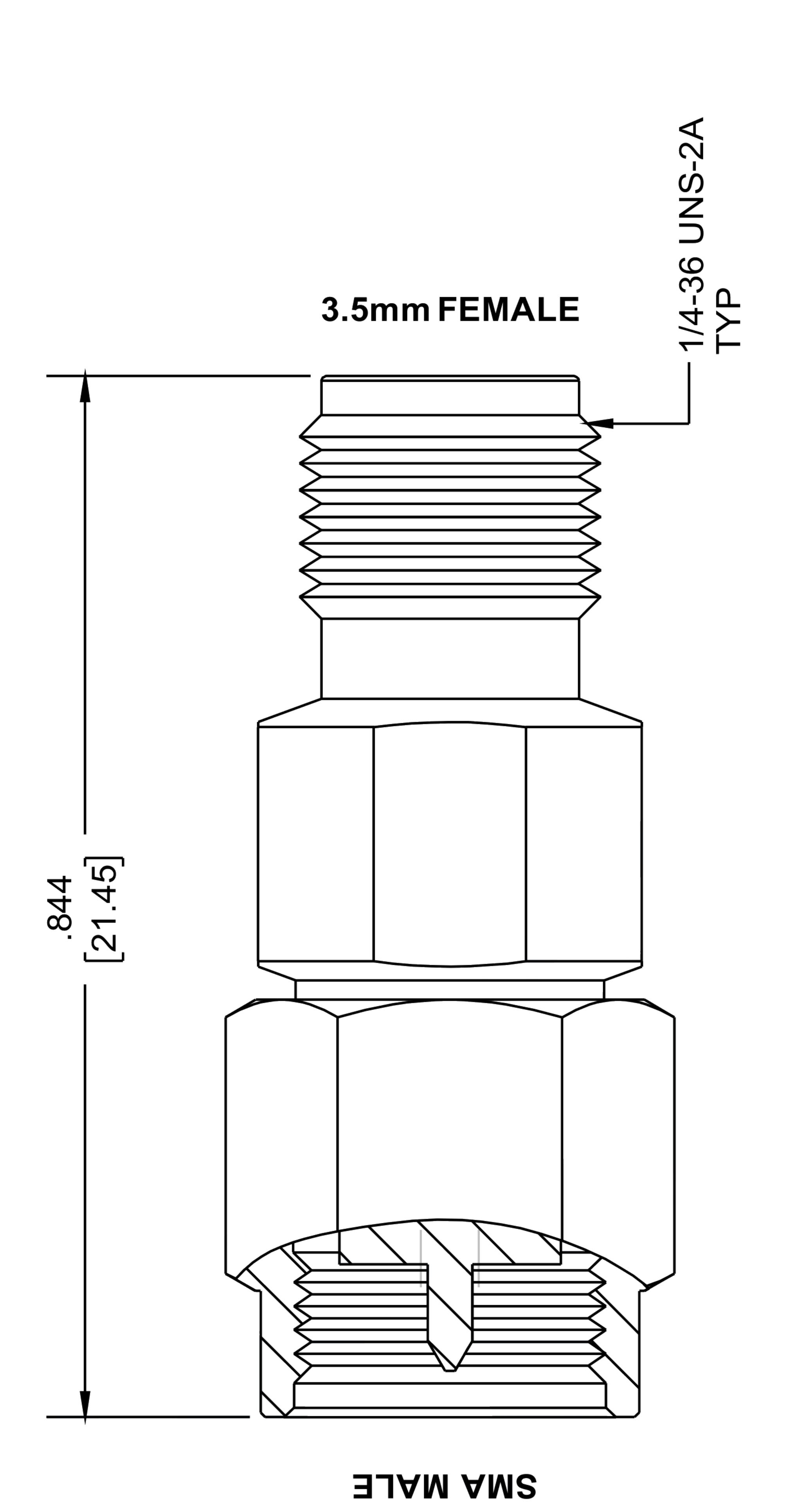
SMA Male to 3.5mm Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

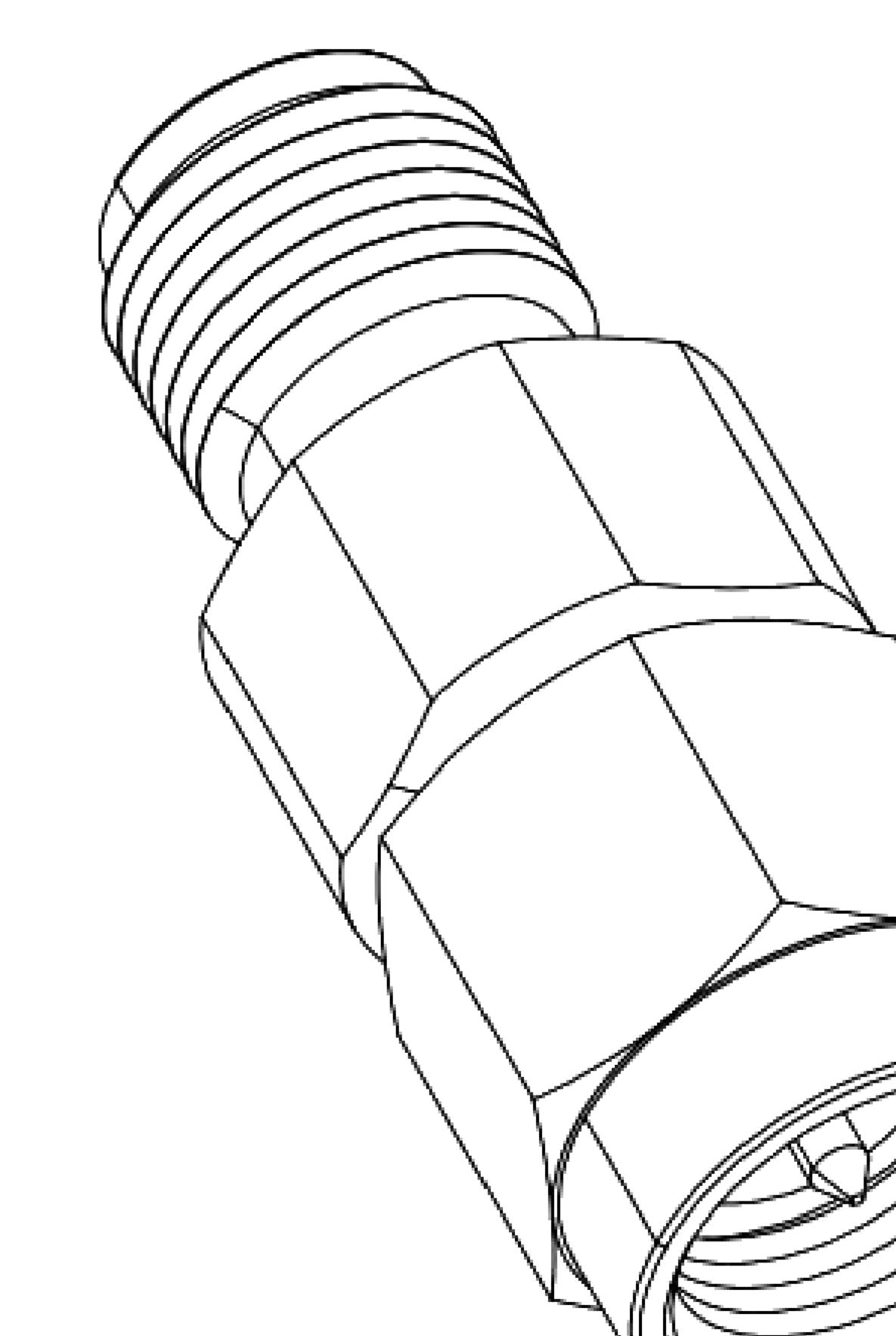
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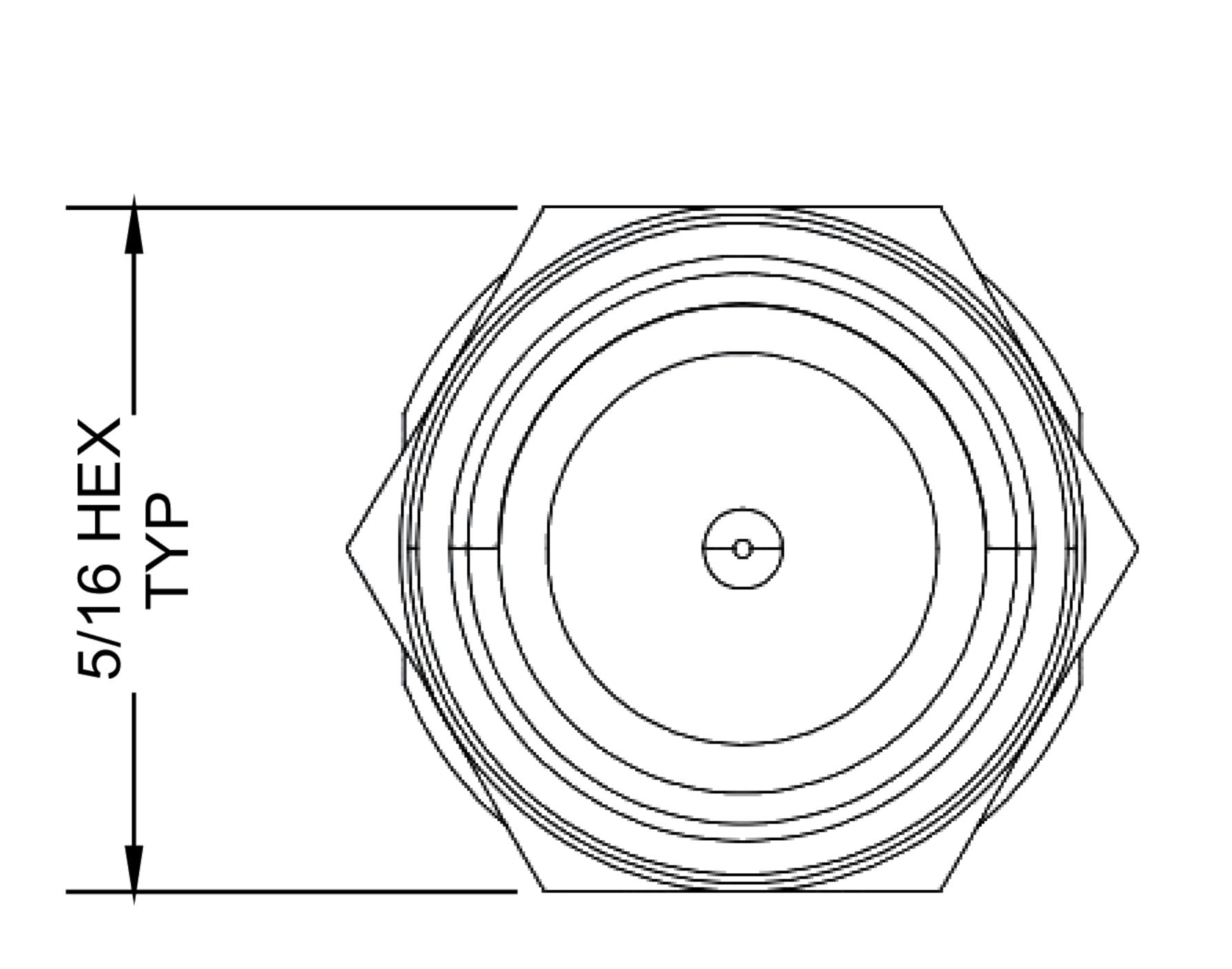
URL: https://www.ebeestock.com/sma-male-to-3-5mm-female-adapter-0012698

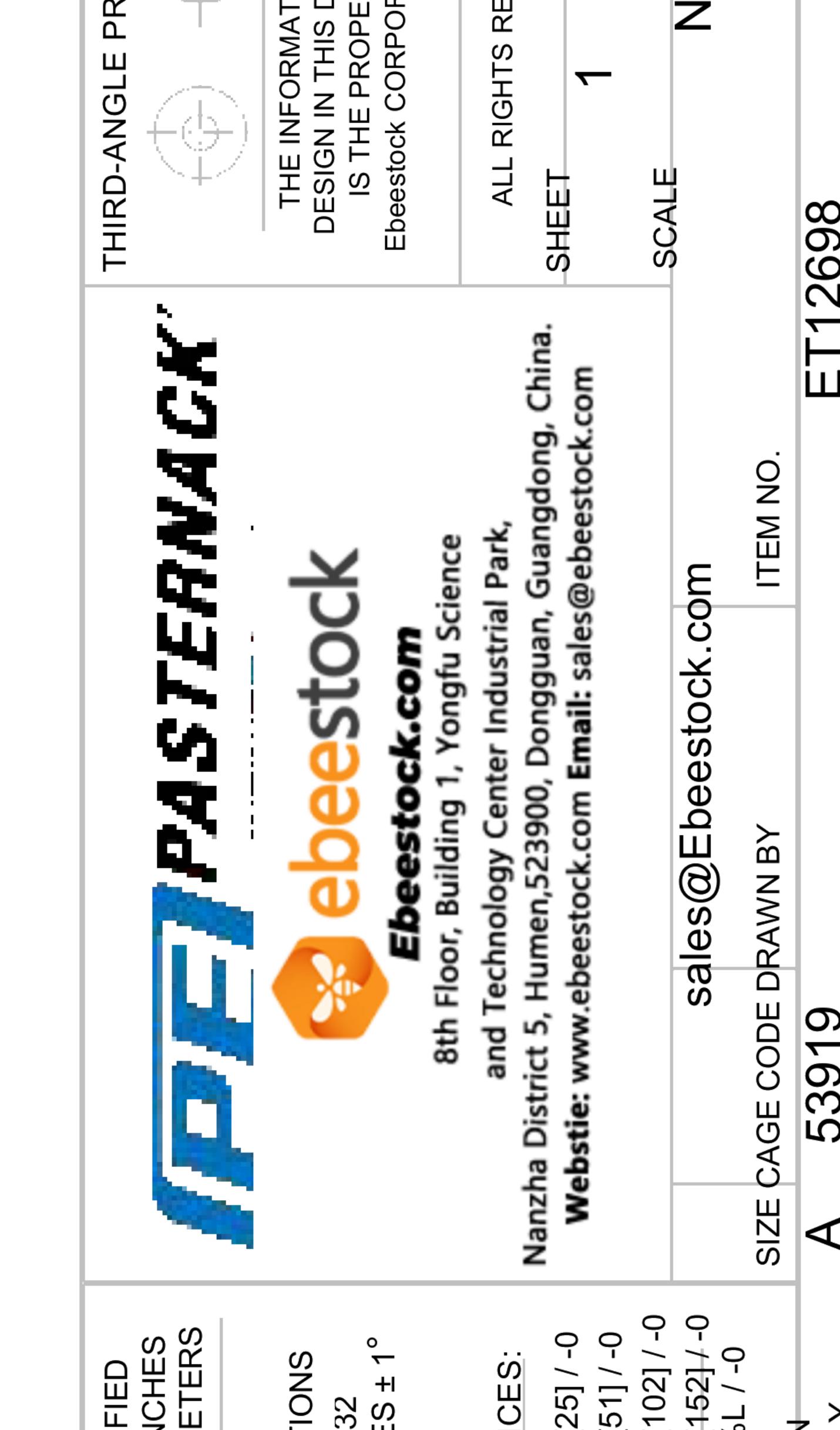
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such 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.

	APPROVED			
	DATE	02/21/2020	09/28/21	
REVISIONS	DESCRIPTION	INITIAL RELEASE	PCR	
	REV.	Α	В	









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