

SMA Female to 7mm Adapter



RF Adapters Technical Data Sheet

ET1210

8

Configuration

- SMA Female Connector 1
- 7mm Sexless Connector 2
- 50 Ohm

- Precision Design
- Straight Body Geometry

Features

- Max VSWR of 1.15:1 up to 18 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

Applications

Allows Connection Between Series
General Purpose Test

Precision Test & Measurement

Description

Ebeestock's ET12108 SMA female to 7mm 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 7mm adapter has a female to sexless gender configuration in a precision design. ET12108 SMA female to 7mm adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 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.

ctrical Specifications			
Erequency Range	DC	18	GHz
/SWR		1.15:1	
nsertion Loss		0.22	dB

Electrical Specification Notes: Values at 25°C, sea level. Insertion Loss (dB) = 0.05*sqrt(fGHz).

Mechanical Specifications

Size

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Female to 7mm Adapter ET12108

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



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Description	Connector 1	Connector 2
Type	SMA Female	7mm Sexless
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Туре	SMA Female		7mm Sexless	
Contact	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel
		MIL-G-45204		MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor Pa	assivated Stainless Steel			
		AMS-2700		
Body			Passivated Stainless Steel	
				AMS-2700
Coupling Nut			Passivated Stainless Steel	
				AMS-2700

Environmental Specifications

Temperature

Operating Range -55 to +100 °C

Vibration WIL-STD-202, Method 204, Cond. D (20G's)

Salt Spray MIL-STD-202, Method 101, Cond. B, 5% salt solution

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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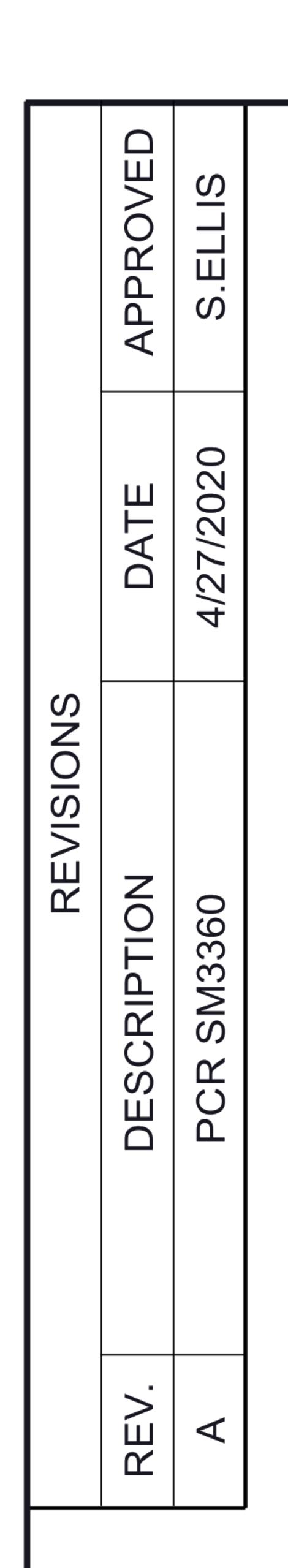
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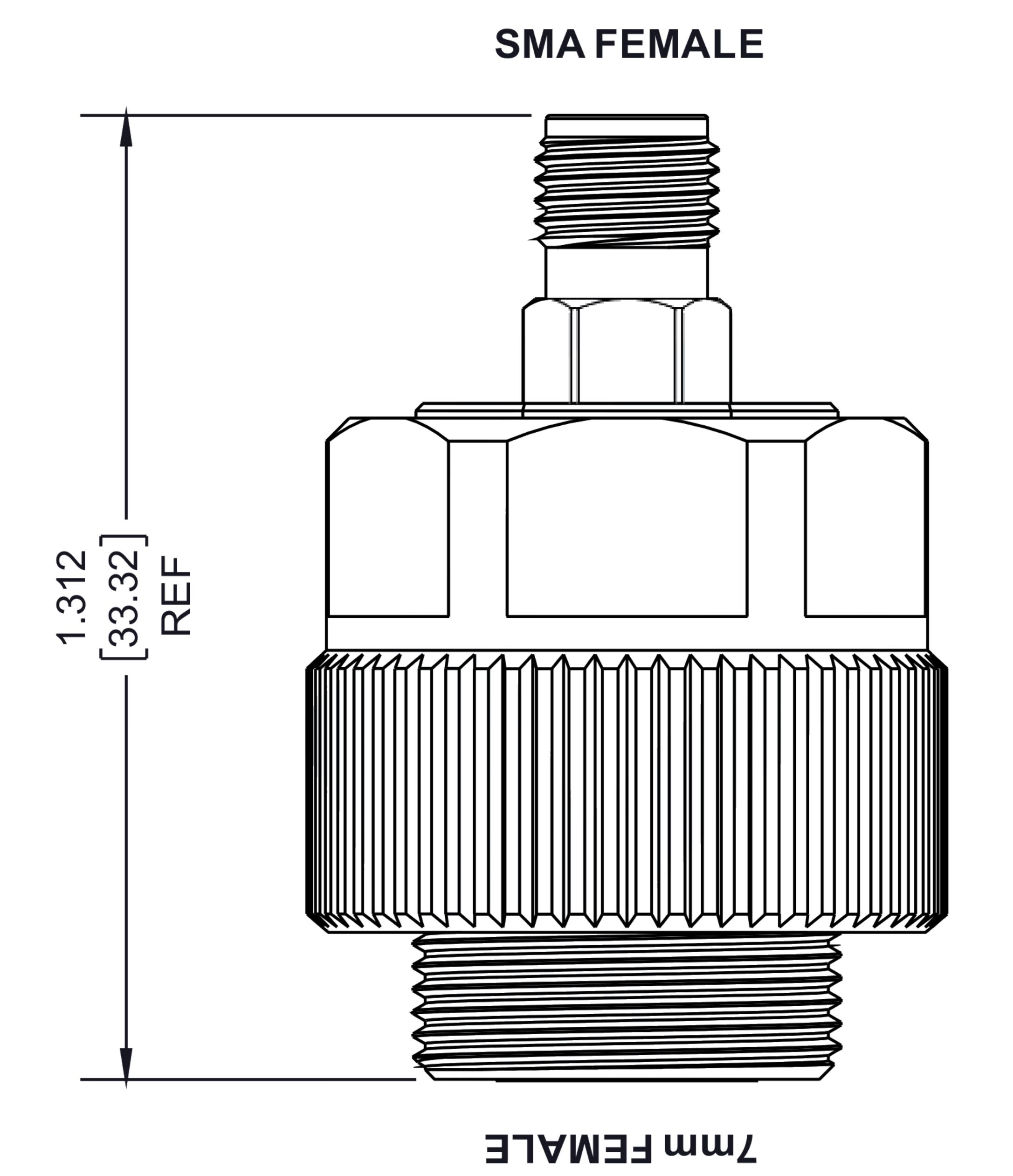
SMA Female to 7mm Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

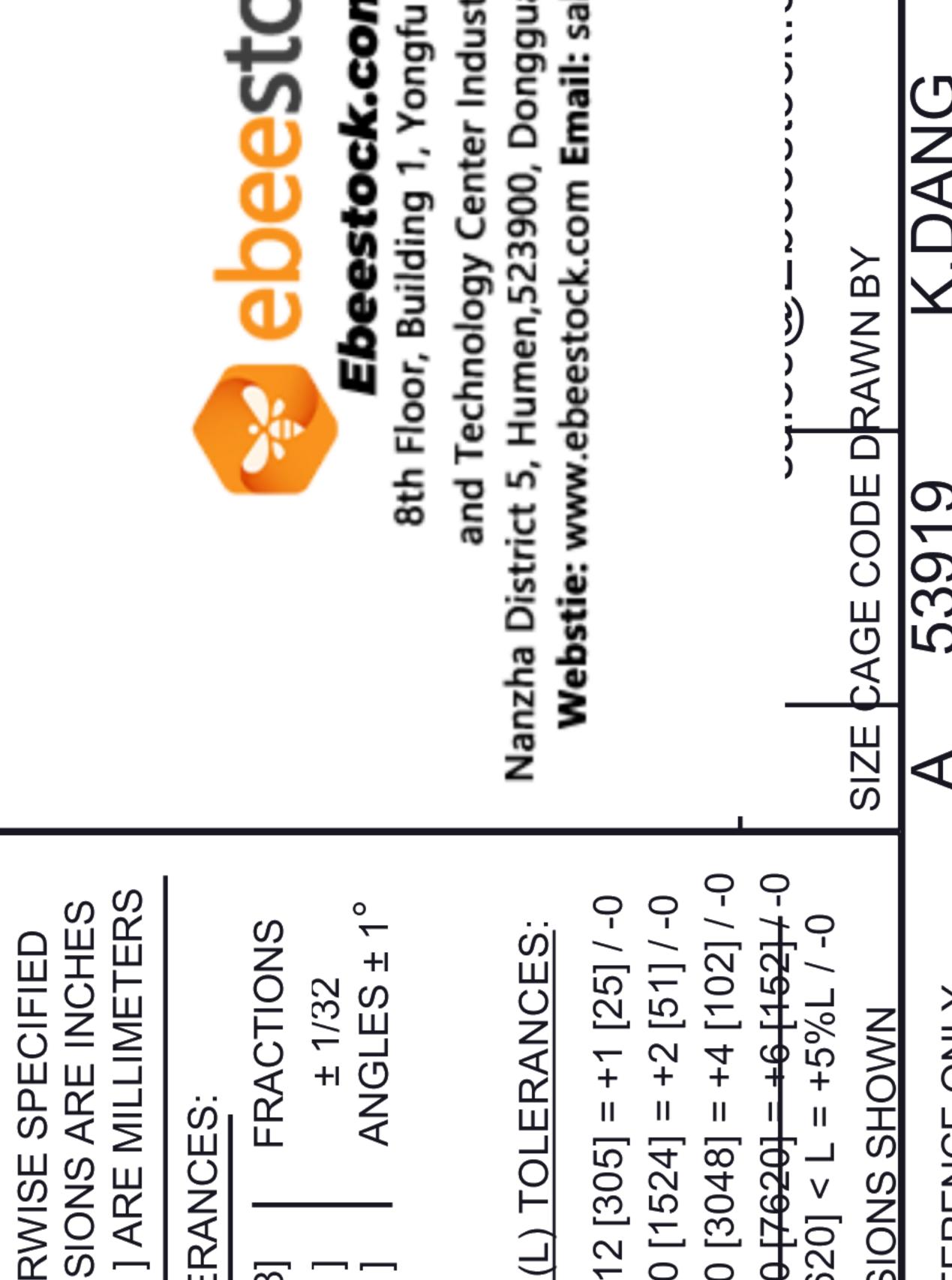
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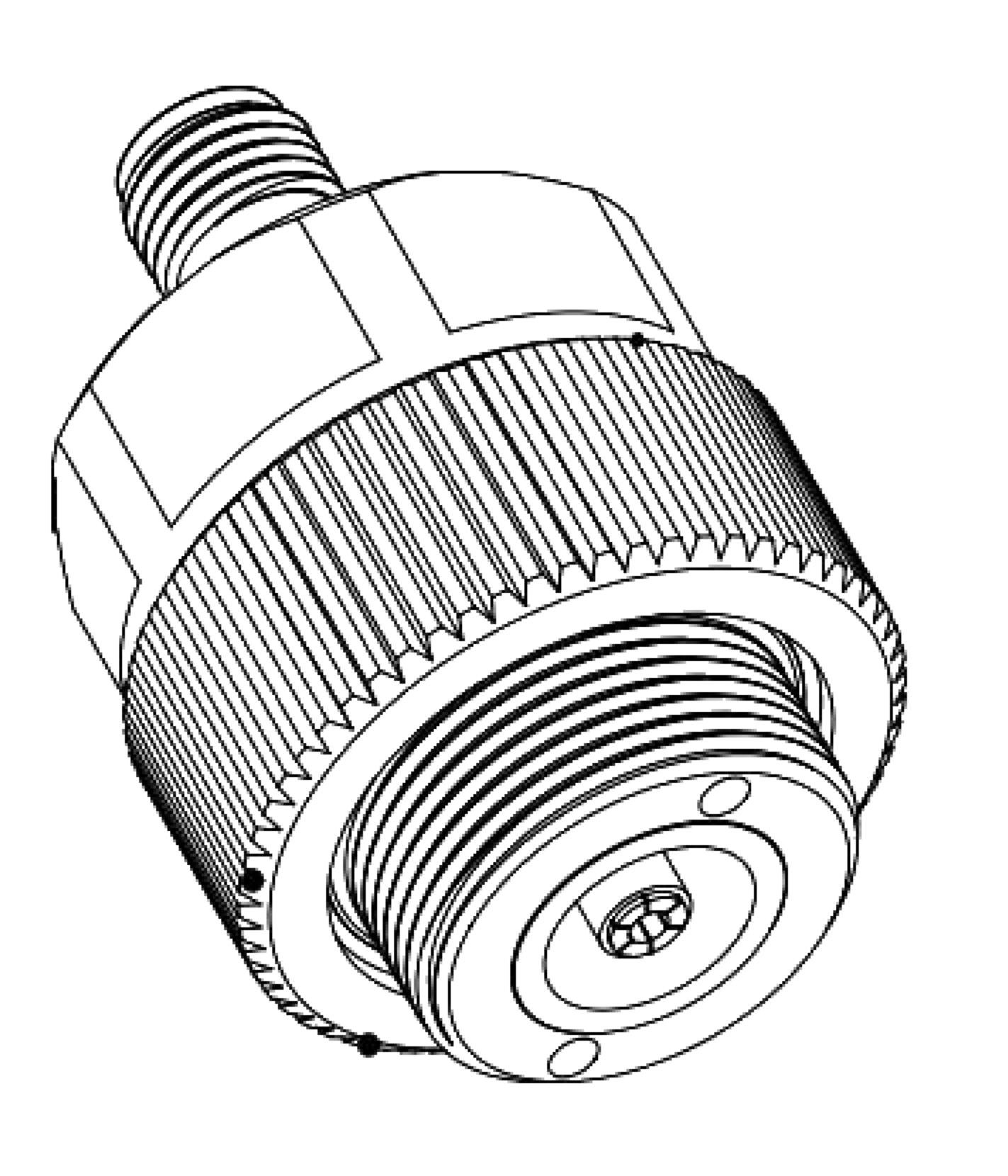
URL: https://www.ebeestock.com/sma-female-to-7mm-adapter-0012108

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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