

TRT Threaded Bulkhead Jack Feedthrough Non-Insulated Barrel Front Mount Panel Jack



PE4MSB00008

Configuration

- TRT Threaded Jack Connector 1
- TRT Threaded Jack Connector 2
- 1553 Design
- Straight Body Geometry
- Bulkhead Mount Method

Features

- TRT Threaded interface compliant with MIL-STD-1553B
- Non-Isolated

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

Pasternack's PE4MSB00008 bulkhead TRT Threaded jack to TRT Threaded jack adapter is part of our full line of RF components available for same-day shipping. Our TRT Threaded to TRT Threaded adapter has a jack to jack gender configuration in a 1553 design. PE4MSB00008 TRT Threaded jack to TRT Threaded jack adapter operates to 500 MHz. This RF TRT Threaded bulkhead to TRT Threaded adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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. Pasternack 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		500	MHz

Mechanical Specifications

Size

Length	1.29 in [32.80 mm]
Width	0.73 in [18.60 mm]
Height	0.73 in [18.60 mm]
Weight	0.01 lbs [4.54 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-1553B	MIL-STD-1553B
Mating Cycles, Min	500	500

Mechanical Specification Notes:
Isolated

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TRT Threaded Jack		TRT Threaded Jack	
Insulation	PTFE		PTFE	
Outer Conductor	Beryllium Copper	Gold	Beryllium Copper	Gold
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

TRT Threaded Bulkhead Jack Feedthrough Non-Insulated Barrel Front Mount Panel Jack from Pasternack 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.

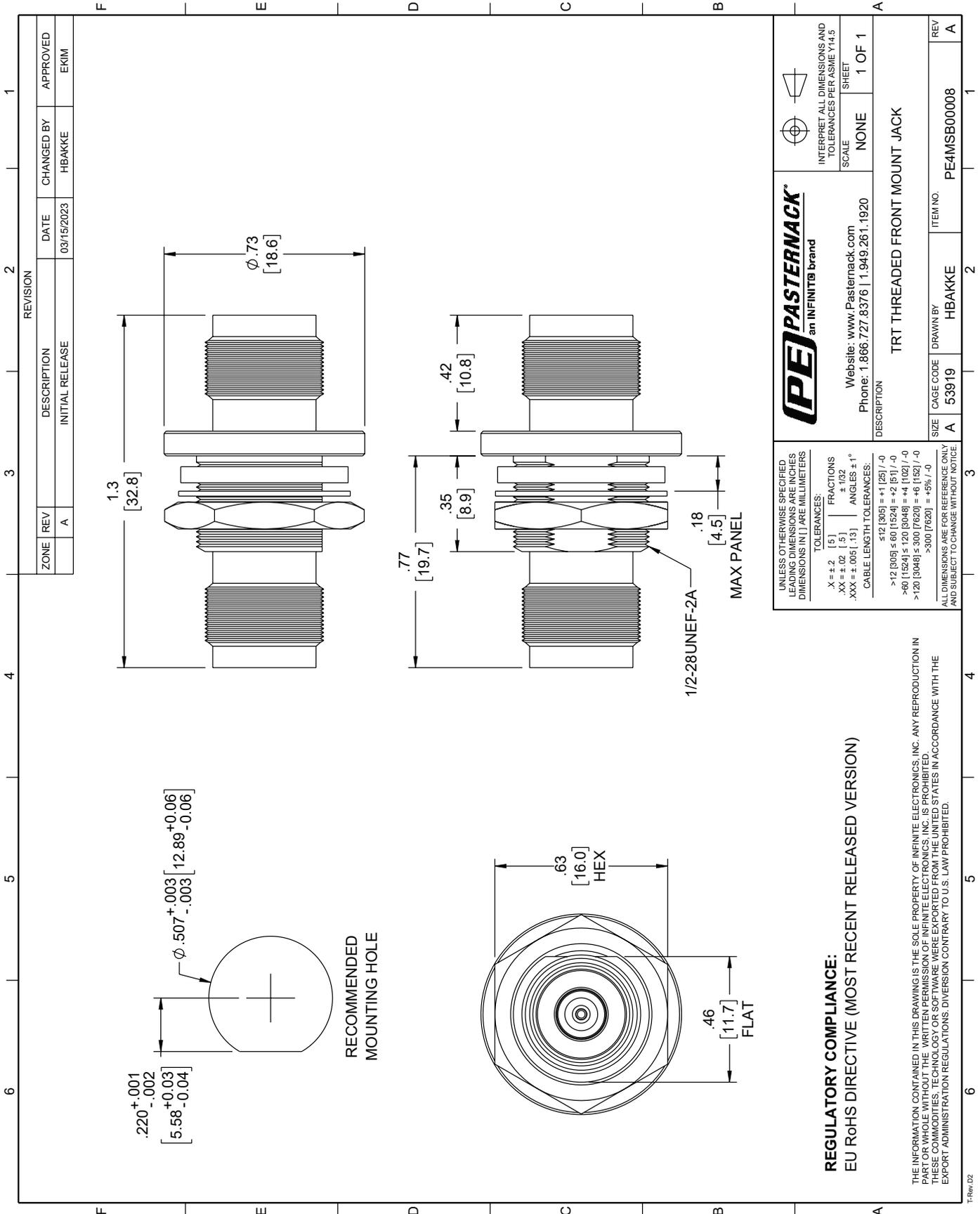
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TRT Threaded Bulkhead Jack Feedthrough Non-Insulated Barrel Front Mount Panel Jack PE4MSB00008](#)

URL: <https://www.pasternack.com/bulkhead-trt-Jack-to-trt-Jack-adapter-pe4msb00008.html>

The information contained within 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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE4MSB00008 CAD Drawing

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ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	03/15/2023	HBAKKE	EKIM

		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		DESCRIPTION: TRT THREADED FRONT MOUNT JACK
SIZE: A	CAGE CODE: 53919	ITEM NO: PE4MSB00008
DRAWN BY: HBAKKE	REV: A	

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE IN MILLIMETERS.

TOLERANCES:

FRACTIONS: X = ±.2 (5) | ±.132

.XX = ±.02 (5) | ANGLES ±1°

.XXX = ±.005 (13) | CABLE LENGTH TOLERANCES:

<12 [305] = ±1 [25] / -0

>12 [305] = ±6 [152.4] = ±4 [102] / -0

>60 [1524] = ±20 [508] = ±4 [102] / -0

>120 [3048] = ±30 [762] = ±4 [102] / -0

>300 [7620] = ±4 [102] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

REGULATORY COMPLIANCE:
EU RoHS Directive (MOST RECENT RELEASED VERSION)

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