



78 Ohm TRB Plug 1553 TRB JACK,

RF Connectors Technical Data Sheet

PE4MSY00001

Configuration

- TRB Plug Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry
- Connector Interface Types: TRB PLUG
- 1553 Design

Features

- Max. Operating Frequency 500 MHz
- Gold 30 micro inches Plated Bronze Contact
- Contact plating according to ASTM-B-488

Applications

- General Purpose Test
- TRB PLUG

Description

Lead Free 3-Slot TRB NO CHAIN MIL-STD-1553 BUS terminators are used to terminate an open BUS line on a 1553 data bus. This terminator mates to any TRB 3-lug jack. These jacks are found on almost every standard 1553 data bus coupler and relay device. Resistor is per MIL-R-39007 78 OHM +/- 1% 2 WATT. RoHS/REACH compliant.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Impedance		78		Ohms

Mechanical Specifications

Size

Length	1.68 in [42.60 mm]
Width	0.57 in [14.50 mm]
Height	0.57 in [14.50 mm]
Weight	0.06 lbs [25.40 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [78 Ohm TRB Plug 1553 TRB JACK, PE4MSY00001](#)



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Material Specifications

Description	Material	Plating
Contact	Bronze	Gold 30 micro inches ASTM-B-488
Insulation	Teflon	
Outer Conductor	Phosphor Bronze	Gold 30 micro inches ASTM-B-488
Body	Brass	Nickel ASTM-B-733
Gasket	Rubber	
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -55 to +200 deg C

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

Plotted and Other Data

Notes:

78 Ohm TRB Plug 1553 TRB 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.

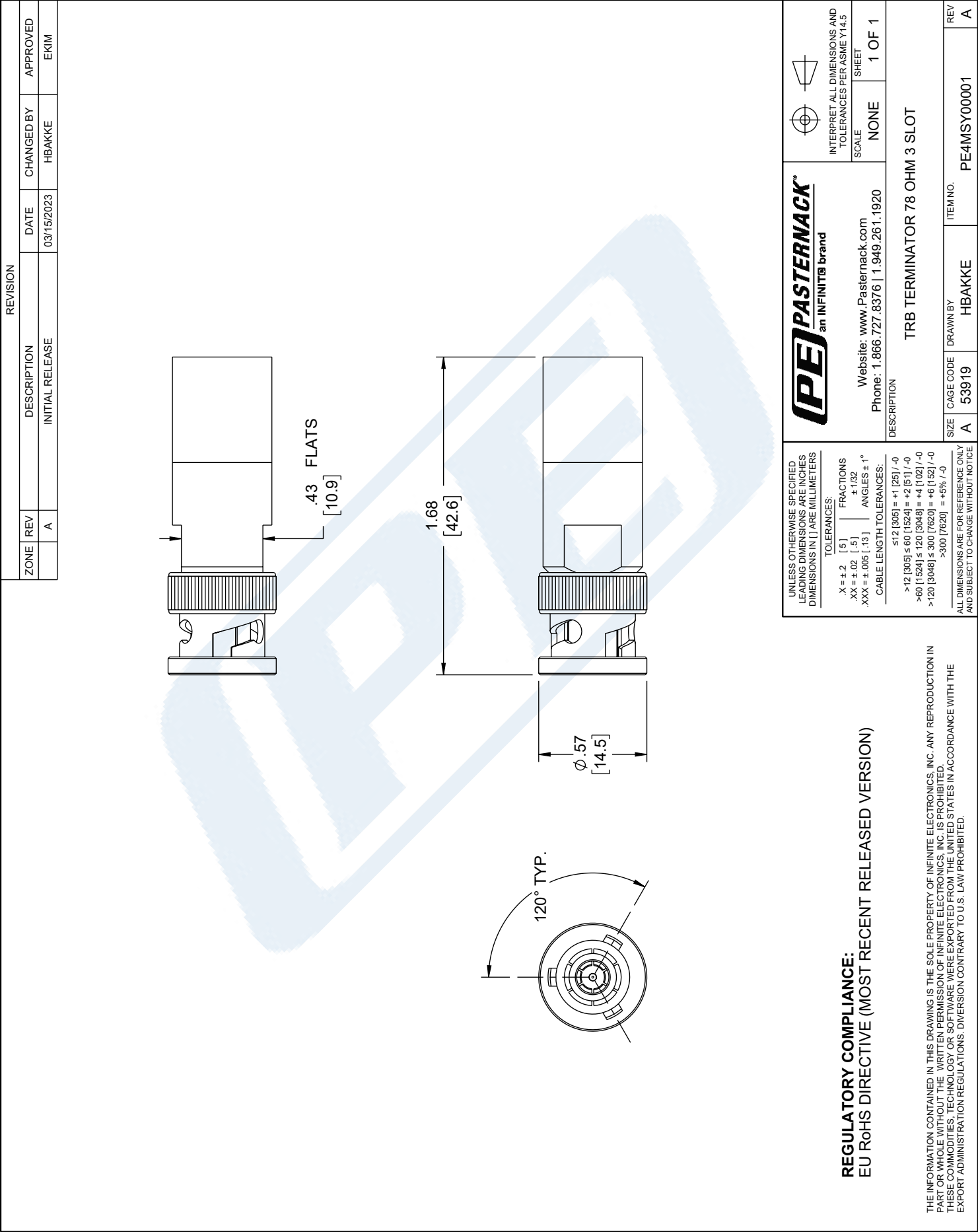
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [78 Ohm TRB Plug 1553 TRB JACK, PE4MSY00001](#)

URL: <https://www.pasternack.com/trb-plug-trb-jack-connector-pe4msy00001-p.aspx>

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

PE4MSY00001 CAD Drawing

78 Ohm TRB Plug 1553 TRB JACK,



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

.43 FLATS
[10.9]

1.68
[42.6]

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		PE PASTERNAK® an INFINITO® brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SCALE	SHEET
.X = ± .2 [.5] .XX = ± .02 [.13] .XXX = ± .005 [.13]		CABLE LENGTH TOLERANCES:		NONE	1 OF 1
<12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		DESCRIPTION			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE		SIZE	CAGE CODE	DRAWN BY	ITEM NO.
		A	53919	HBAKKE	PE4MSY00001
		TRB TERMINATOR 78 OHM 3 SLOT			REV
					A



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE

SHEET: 1 OF 1

DESCRIPTION: TRB TERMINATOR 78 OHM 3 SLOT

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	HBAKKE	PE4MSY00001

REV A

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

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