



78 Ohm TRB plug 1553 Connector Crimp/
Solder Attachment for TRB JACK,

RF Connectors
Technical Data Sheet

PE410-06403-025

Configuration

- MIL-STD-1553 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
- Custom Cable Assemblies
- TRB PLUG

Description

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.

Electrical Specifications

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

Mechanical Specifications

Size	
Length	1.76 in [44.80 mm]
Width	0.56 in [14.22 mm]
Height	0.56 in [14.22 mm]
Weight	0.05 lbs [22.68 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 Connector Crimp/Solder Attachment for TRB JACK, PE410-06403-025](#)



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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 Connector Crimp/Solder Attachment for 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.

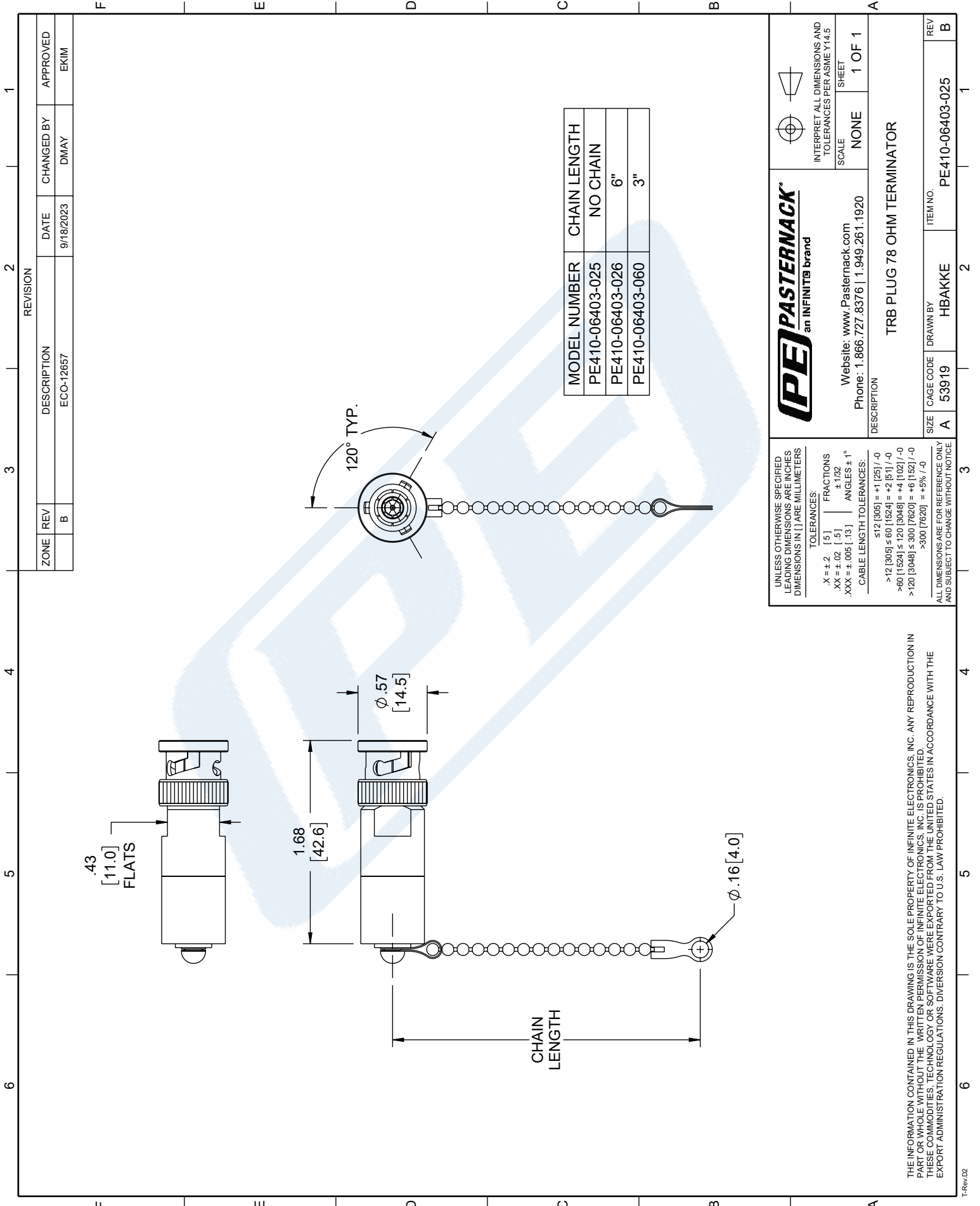
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URL: <https://www.pasternack.com/trb-plug-trb-plug-connector-pe410-06403-025-p.aspx>

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PE410-06403-025 CAD Drawing

78 Ohm TRB plug 1553 Connector Crimp/Solder Attachment for TRB JACK,



MODEL NUMBER	CHAIN LENGTH
PE410-06403-025	NO CHAIN
PE410-06403-026	6"
PE410-06403-060	3"



Website: www.Pasternack.com
 Phone: 1.866.727.8376 | 1.949.261.1920

TRB PLUG 78 OHM TERMINATOR

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

TOLERANCES:
 .X = ± .2 [5] | FRACTIONS ± 1/32
 .XX = ± .02 [.5] | ANGLES ± 1°
 .XXX = ± .005 [.13] |

CABLE LENGTH TOLERANCES:
 ≤ 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

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

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ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-12857	9/18/2023	DMAY	EKIM

REVISION	DATE	CHANGED BY	APPROVED