



78 Ohm TRB Jack 1553 Connector Crimp/Solder
Attachment for 30-02002, TWAC-78-1F2,

RF Connectors Technical Data Sheet

PE410-06575-242

Configuration

- TRB Jack Connector
- MIL-STD-1553
- 78 Ohms
- Straight Body Geometry

- Connector Interface Types: 30-02002, TWAC-78-1F2, TRB JACK
- 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
- 30-02002
- TWAC-78-1F2

Description

TRB cable jacks use the bayonet coupling design per industry standards. The center socket receives and secures the pin contact from a TRB plug. The intermediate cylindrical contacts form the outer connection. This model is designed to fit high-temperature 30-02002 or TWAC-78-1F2 twinaxial cable. It is RoHS compliant.

Electrical Specifications

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

Mechanical Specifications

Size

Length	1.31 in [33.40 mm]
Width	0.57 in [14.50 mm]
Height	0.57 in [14.50 mm]
Weight	0.04 lbs [19.50 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 Jack 1553 Connector Crimp/Solder Attachment for 30-02002, TWAC-78-1F2, PE410-06575-242](#)



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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 Jack 1553 Connector Crimp/Solder Attachment for 30-02002, TWAC-78-1F2, 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.

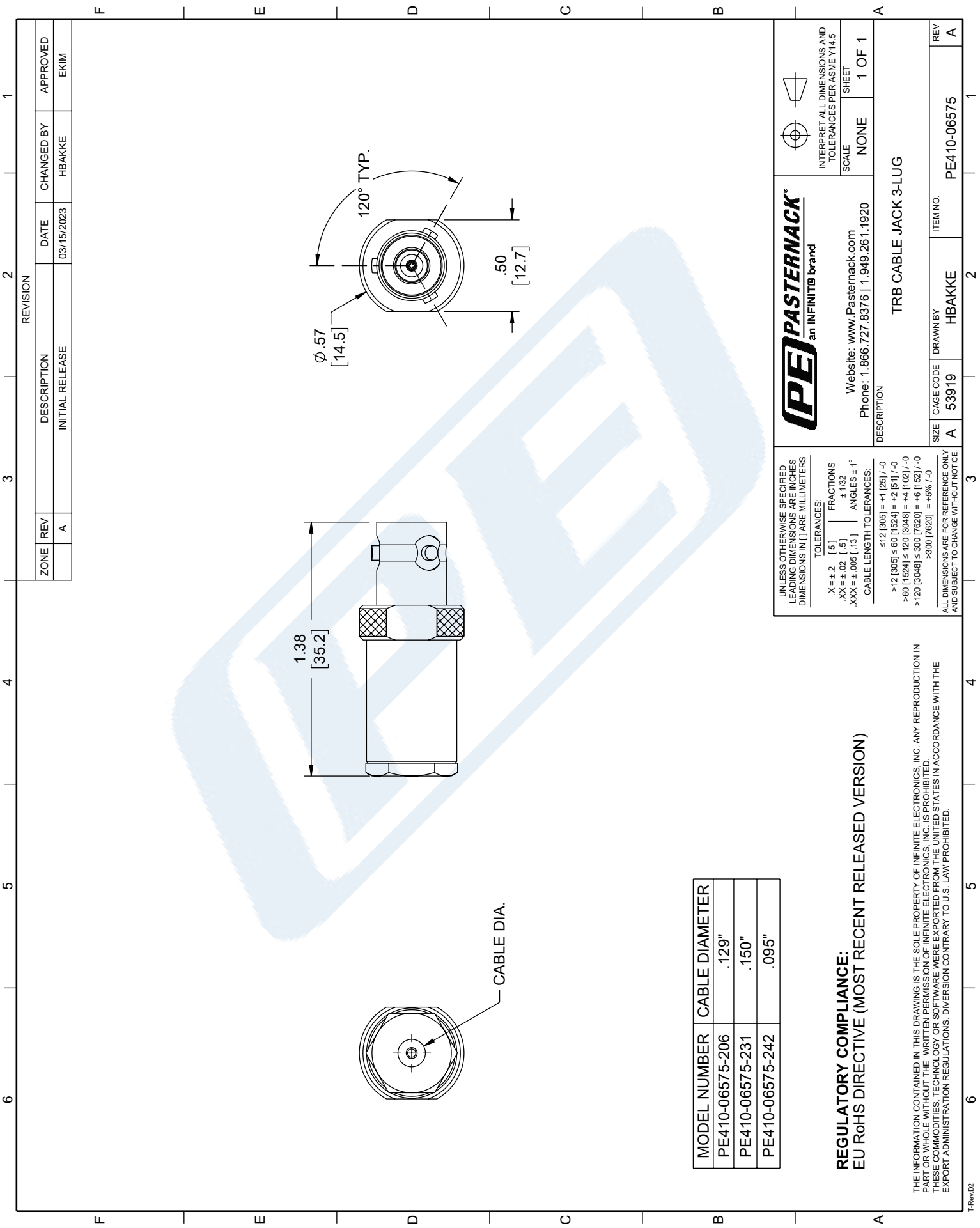
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URL: <https://www.pasternack.com/trb-jack-30-02002-twac-78-1f2-connector-pe410-06575-242-p.aspx>

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PE410-06575-242 CAD Drawing

78 Ohm TRB Jack 1553 Connector Crimp/Solder Attachment for 30-02002, TWAC-78-1F2,



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