



TRB Plug Full Crimp Connector for TRC-50-2 Cable

RF Connectors Technical Data Sheet

PE410-06031-310

Configuration

- TRB Plug Connector
- Straight Body Geometry

- Connector Interface Types: TRC-50-2, M17/134-00002

Features

- Max. Operating Frequency 500 MHz

- Gold Plated Beryllium Copper Contact

Applications

- General Purpose Test

Description

Pasternack's PE410-06031-310, TRB, Standard, Connector is part of our full line of RF components available for same-day shipping. Our TRB plug connector operates up to a maximum frequency of 500 MHz.

Our TRB plug connector PE410-06031-310 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Operating Voltage (AC)			5,000	Vrms

Mechanical Specifications

Size

Length	1.34 in [34.04 mm]
Width	0.50 in [12.70 mm]
Height	0.50 in [12.70 mm]
Weight	0.05 lbs [22.68 g]
Mating Cycles	500 Cycles

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TRB Plug Full Crimp Connector for TRC-50-2 Cable PE410-06031-310](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Washer	Brass	Nickel
Shrink Tubing	PVDF	

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

TRB Plug Full Crimp Connector for TRC-50-2 Cable 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: [TRB Plug Full Crimp Connector for TRC-50-2 Cable PE410-06031-310](#)

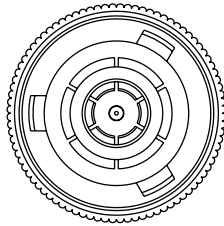
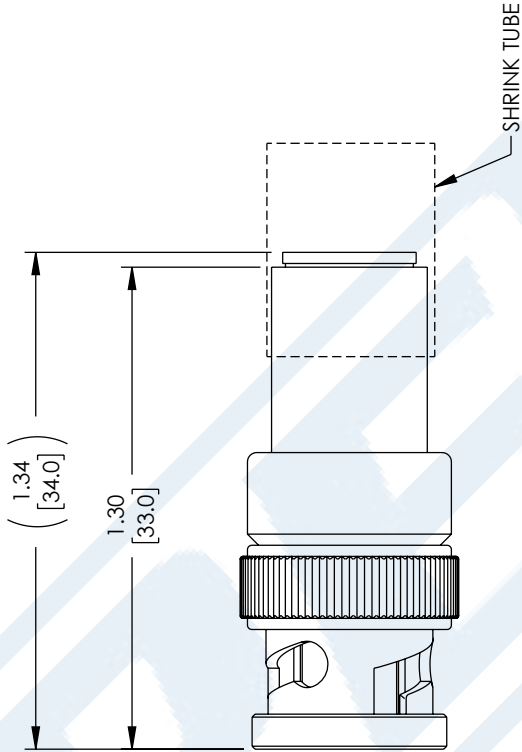
URL: <https://www.pasternack.com/trb-plug-trc-50-2-m17-134-00002-connector-pe410-06031-310-p.aspx>

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.

PE410-06031-310 CAD Drawing

TRB Plug Full Crimp Connector for TRC-50-2 Cable

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	INITIAL RELEASE	03/09/23	



	 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
	SCALE: NONE SHEET: 1 OF 1
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.281.1920	
DESCRIPTION: TRB 3-SLOT CONN. STR WITH FULL CRIMP TRC-50-2 CABLE	
SIZE: A CAGE CODE: 53919 DRAWN BY: DFRISIELLO	ITEM NO.: PE410-06031-310 REV: A

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

TOLERANCES:

.X = ±.2	[.5]	FRACTIONS	±.1/32
.XX = ±.02	[.13]	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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