



TRS Plug 1553 Connector Crimp/Solder Attachment TRC-50-1,

RF Connectors Technical Data Sheet

PE410-10030-370

Configuration

- TRS Plug Connector
- MIL-STD-1553
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: TRC-50-1, TRS 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
- TRC-50-1

Description

TRS SUBMINIATURE 3-SLOT CABLE PLUG for triaxial cable TRC-50-1.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		500	MHz
Impedance		50		Ohms

Mechanical Specifications

Size

Length	0.76 in [19.20 mm]
Width	0.45 in [11.50 mm]
Height	0.45 in [11.50 mm]
Weight	0.01 lbs [4.54 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TRS Plug 1553 Connector Crimp/Solder Attachment TRC-50-1, PE410-10030-370](#)



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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:

TRS Plug 1553 Connector Crimp/Solder Attachment TRC-50-1, 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: [TRS Plug 1553 Connector Crimp/Solder Attachment TRC-50-1, PE410-10030-370](#)

URL: <https://www.pasternack.com/plug-trc-50-1-connector-pe410-10030-370-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.

PE410-10030-370 CAD Drawing

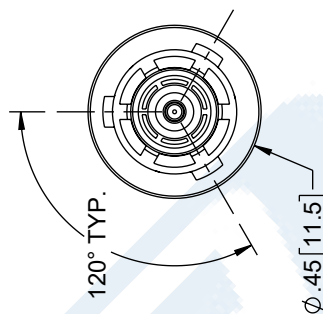
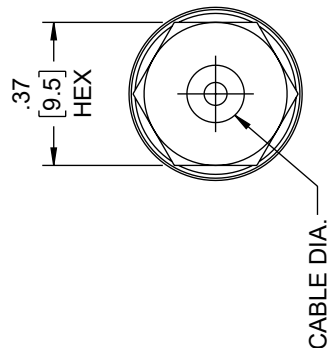
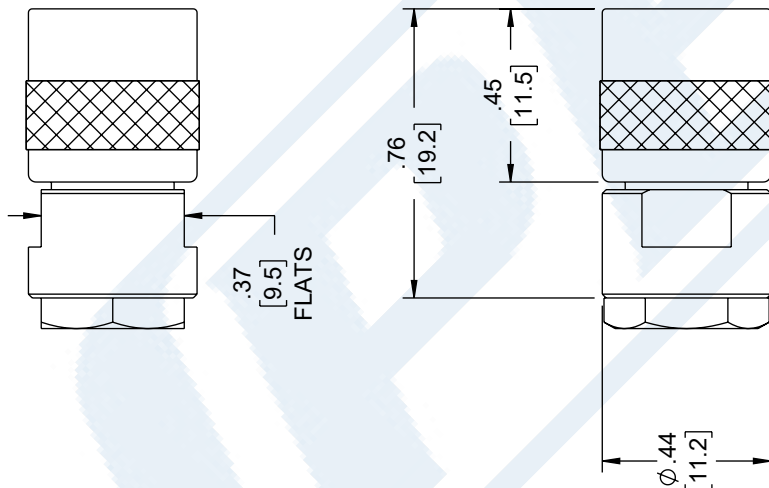
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ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	03/15/2023	HBAKKE	EKIM

MODEL NUMBER	CABLE DIAMETER
PE410-10030-206	.129"
PE410-10030-242	.095"
PE410-10030-350	.189"
PE410-10030-370	.156"



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

TOLERANCES:

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

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



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

DESCRIPTION

TRS SUBMINIATURE 3-SLOT PLUG



INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE NONE

SHEET 1 OF 1

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

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	HBAKKE	PE410-10030	A

T4Rev.02