



3/4 inch-20 Twinax Male Connector Clamp/ Solder Attachment for PE-S330

RF Connectors Technical Data Sheet

PE4104

Configuration

- 3/4"-20 Twinax Male Connector
- 95 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-S330

Features

- Max. Operating Frequency 200 MHz
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4104 95 ohm 3/4 inch-20 Twinax male connector with clamp/solder attachment for PE-S330 is part of our full line of RF components available for same-day shipping. Our 3/4 inch-20 Twinax male connector operates up to a maximum frequency of 200 MHz.

Our 95 ohm 3/4 inch-20 Twinax male connector PE4104 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		200	MHz

Mechanical Specifications

Size

Length	1.9 in [48.26 mm]
Width/Dia.	0.866 in [22.00 mm]
Weight	0.146 lbs [66.22 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3/4 inch-20 Twinax Male Connector Clamp/Solder Attachment for PE-S330 PE4104](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PBT	
Body	Brass	Nickel 100 µin minimum
Coupling Nut	Brass	Nickel 100 µin minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 60 to 65 in-lbs [6.78 to 7.34 Nm]

Environmental Specifications

Temperature

Operating Range -40 to +60 deg C

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

Plotted and Other Data

Notes:

3/4 inch-20 Twinax Male Connector Clamp/Solder Attachment for PE-S330 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: [3/4 inch-20 Twinax Male Connector Clamp/Solder Attachment for PE-S330 PE4104](#)

URL: <https://www.pasternack.com/3-4-inch-20-male-standard-pe-s330-connector-pe4104-p.aspx>

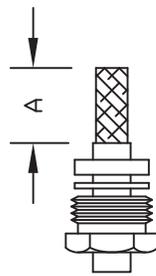
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE4104 CAD Drawing

3/4 inch-20 Twinax Male Connector Clamp/Solder Attachment for PE-S330

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) AND GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN A. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF THE BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & BUTT INNER SHOULDER AGAINST JACKET. COMB BRAID & FORM OVER BRAID CLAMP (4). TRIM BRAID FLUSH WITH SHOULDER.

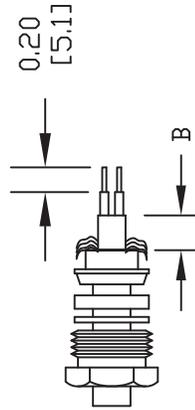


A = .500 [12.7]



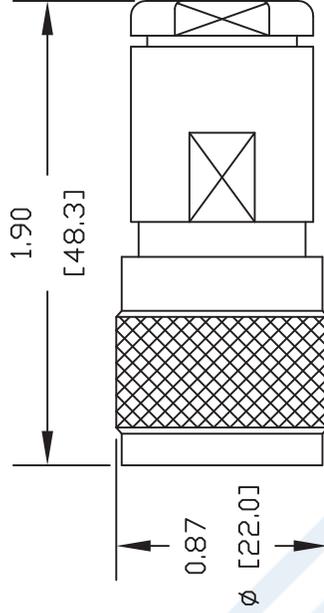
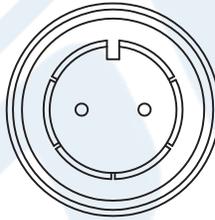
B = .125 [3.2]

2. STRIP CABLE AS SHOWN IN B. SLIDE WASHER (5) OVER DIELECTRIC & SIT FIRMLY AGAINST BRAID. SPREAD OUT CONTACTS TO ALLOW THE INSTALLATION OF BUSHING (6). SOLDER CONTACTS TO CENTER CONDUCTOR. INSERT CONTACTS INTO INSULATOR. WITH THE BARE COPPER CENTER CONDUCTOR SIDE GOES IN THE HOLE IDENTIFIED BY THE DOT. LINE THE INSULATOR KEY UP TO THE BODY PIN, INSERT ENTIRE ASSEMBLY AND TIGHTEN.



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DWG TITLE

PE4104

- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. -

FSCM NO. 53919

CAD FILE 092608

SCALE N/A

SIZE A

127