PASTERNACK®
THE ENGINEER'S RF SOURCE



75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/ Crimp Attachment for BELDEN 735A1

RF Connectors Technical Data Sheet PE45227

Configuration

- Push-On 1.0/2.3 Plug Connector
- 75 Ohms
- Straight Body Geometry
- BELDEN 735A1 Interface Type
- Crimp/Crimp Attachment

Features

- Max. Operating Frequency 3 GHz
- Excellent VSWR of 1.15:1
- Gold Plated Brass Contact
- Push-On connection
- Secure locking mechanism
- Performance to 3 GHz
- 500 Mating cycles

Applications

- General Purpose Test
- Custom Cable Assemblies
- Data Communications
- Video Processors
- Switching Equipment

Description

Pasternack's PE45227 75 ohm 1.0/2.3 plug push-on connector with crimp/crimp attachment for BELDEN 735A1 is part of our full line of RF components available for same-day shipping. Our 1.0/2.3 plug connector operates up to a maximum frequency of 3 GHz and offers excellent VSWR of 1.15:1. Pasternack's 75 Ohm DIN 1.0/2.3 connectors allow for a secure locking push-pull connection. These 1.0/2.3 connectors have an impedance of 75 Ohms and operate to 3 GHz, making these RF connectors an excellent choice for many data communications and audio/video applications. The small size of these 75 ohm 1.0/2.3 DIN connectors allows for a dense connector-to-connector footprint, saving valuable space in panels and other applications requiring a high number of interconnects. The durable positive locking connectors have a mating life of up to 500 connections.

Our 75 ohm 1.0/2.3 plug connector PE45227 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		3	GHz
VSWR			1.15:1	

Mechanical Specifications

Size

Length	1.06 in [26.92 mm]
Width/Dia.	0.307 in [7.80 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for BELDEN 735A1 PE45227

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Weight 0.01 lbs [4.54 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Crimp Sleeve	Brass	Nickel

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Assembly Instruction

75 Ohm 1.0/2.3 Plug Push-On Connector Crimp/Crimp Attachment for BELDEN 735A1 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/1.0-2.3-plug-push-on-belden-735a1-connector-pe45227-p.aspx

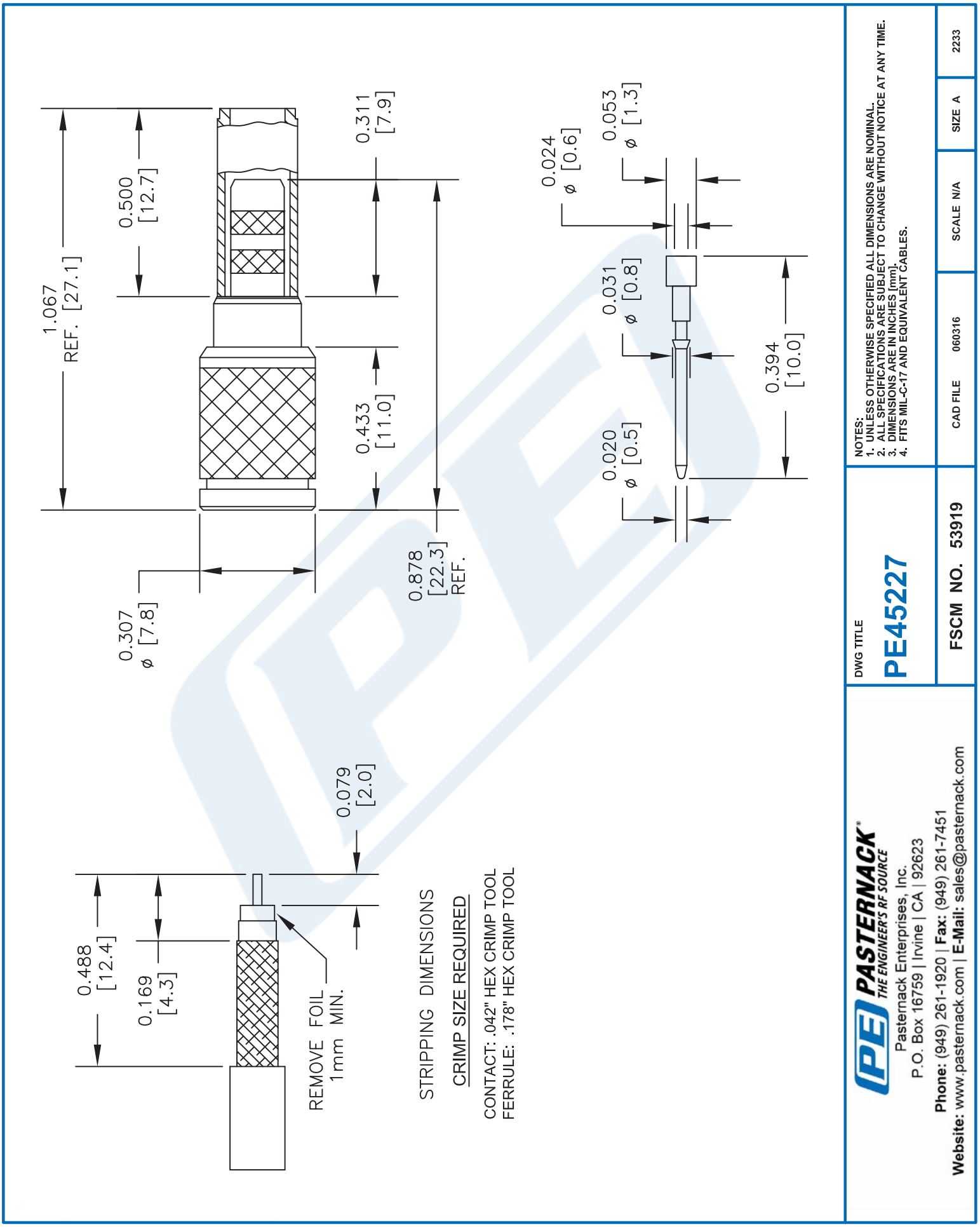
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PE45227 CAD Drawing

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