



## 75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated

### RF Connectors Technical Data Sheet

PE44895

#### Configuration

- F Female Connector
- 75 Ohms
- Right Angle Body Geometry
- Surface Mount Interface Type
- Solder Attachment
- Bulkhead

#### Features

- Max. Operating Frequency 2.15 GHz
- Good VSWR of 1.93:1
- Tin Plated Beryllium Copper Contact
- IP67 Rated (Unmated)

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- PCB Applications
- CATV

#### Description

Pasternack's PE44895 75 ohm type F female right angle bulkhead connector with solder attachment for surface mount PCB is part of our full line of RF components available for same-day shipping. Our type F female connector operates up to a maximum frequency of 2.15 GHz and offers good VSWR of 1.93:1. Its right angle body geometry allows for easier connections in tight spaces. This type F bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. The connector has an IP67 rating to protect against dust and temporary moisture protection under immersion conditions.

Our 75 ohm type F female right angle bulkhead connector PE44895 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		2.15	GHz
VSWR			1.93:1	
Insertion Loss			0.46	dB

#### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 2.15				GHz
VSWR, Max	1.43:1	1.93:1				
Insertion Loss, Max	0.2	0.46				dB

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated PE44895](#)



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**Mechanical Specifications**

**Size**

Length	1.3 in [33.02 mm]
Width/Dia.	0.55 in [13.97 mm]
Height	0.61 in [15.49 mm]
Weight	0.04 lbs [18.14 g]
Mating Cycles	500 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Tin
Insulation	PTFE	
Body	Zinc	Tin

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +165 deg C
Ingress Protection (IP) Rating	IP67 Rated (Unmated)

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

**Plotted and Other Data**

Notes:

75 Ohm F Female Right Angle Bulkhead Mount Connector Solder Attachment Surface Mount PCB, IP67 Rated from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

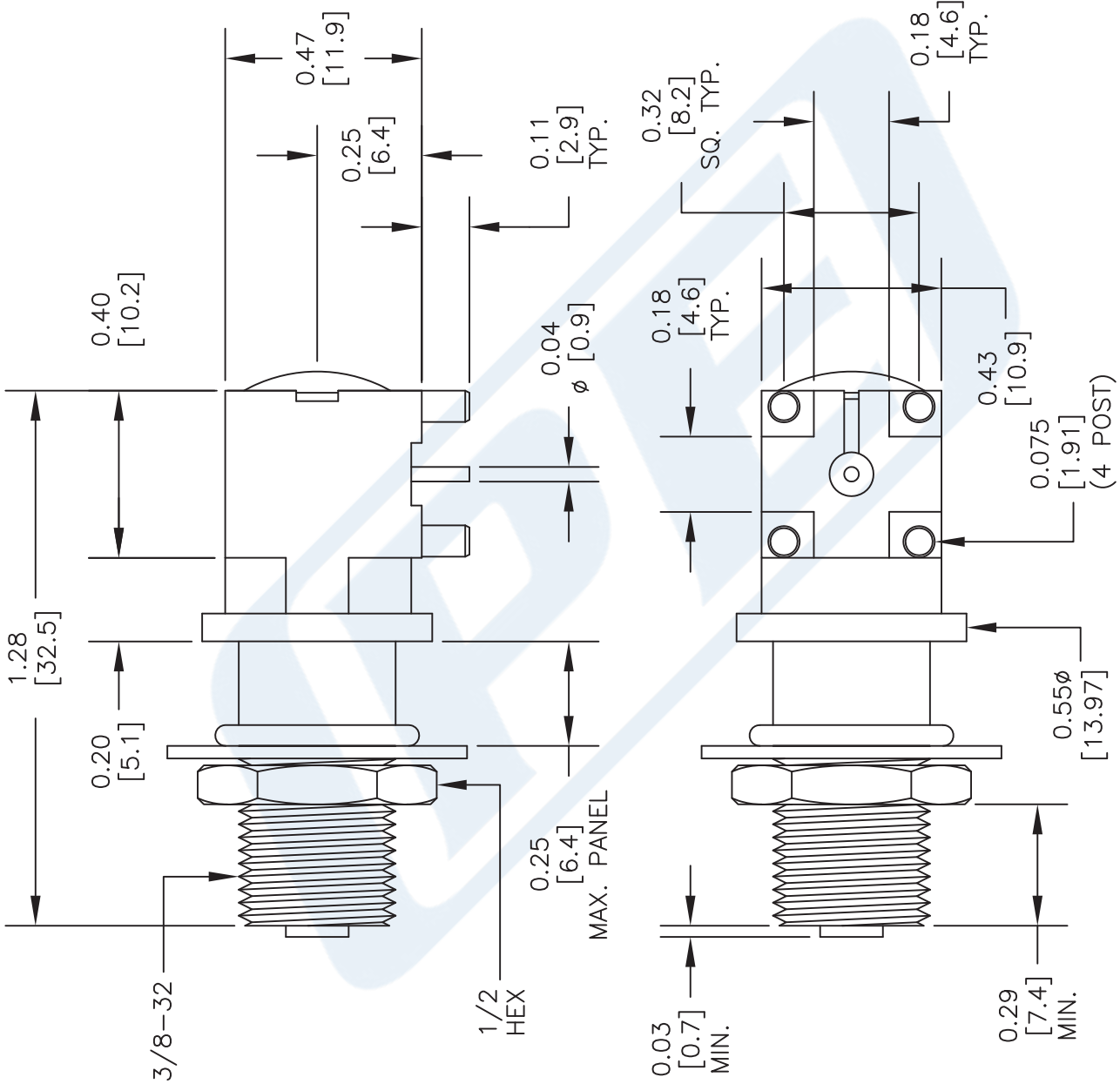
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URL: <https://www.pasternack.com/f-female-standard-surface-mount-pcb-connector-pe44895-p.aspx>

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.

# PE44895 CAD Drawing

75 Ohm F Female Right Angle Bulkhead Mount Connector  
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- 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.

DWG TITLE  
**PE44895**

FSCM NO. 53919

SCALE N/A

SIZE A

CAD FILE 070814

150

**PE PASTERNAK**  
THE ENGINEER'S RF SOURCE  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com

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