



10-32 Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal, .177 inch D Hole

RF Connectors Technical Data Sheet

PE44357

Configuration

- 10-32 Female Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: Solder Cup
- Bulkhead
- 5/16 inch Hex

Features

- Max. Operating Frequency 2 GHz
- Excellent VSWR of 1.25:1
- Gold Plated Brass Contact
- Contact plating according to MIL-G-45204

Applications

- General Purpose Test
- Rack and Panel Mount Applications

Description

Pasternack's PE44357 10-32 female bulkhead connector with Solder Cup terminal (.177 inch D hole) is part of our full line of RF components available for same-day shipping. Our 10-32 female connector operates up to a maximum frequency of 2 GHz and offers excellent VSWR of 1.25:1. This 10-32 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.

Our 10-32 female bulkhead connector PE44357 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	GHz
VSWR			1.25:1	

Mechanical Specifications

Size	
Length	0.625 in [15.88 mm]
Width/Dia.	0.312 in [7.92 mm]
Weight	0.006 lbs [2.72 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10-32 Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal, .177 inch D Hole PE44357](#)



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Material Specifications

Description	Material	Plating
Contact	Brass	Gold MIL-G-45204
Insulation	PTFE	
Outer Conductor	Brass	Nickel QQ-N-290
Gasket	Silicone	

Environmental Specifications

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

Plotted and Other Data

Notes:

10-32 Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal, .177 inch D Hole 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: [10-32 Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal, .177 inch D Hole PE44357](#)

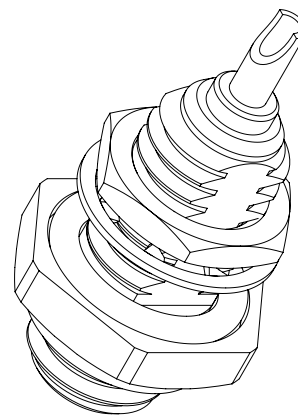
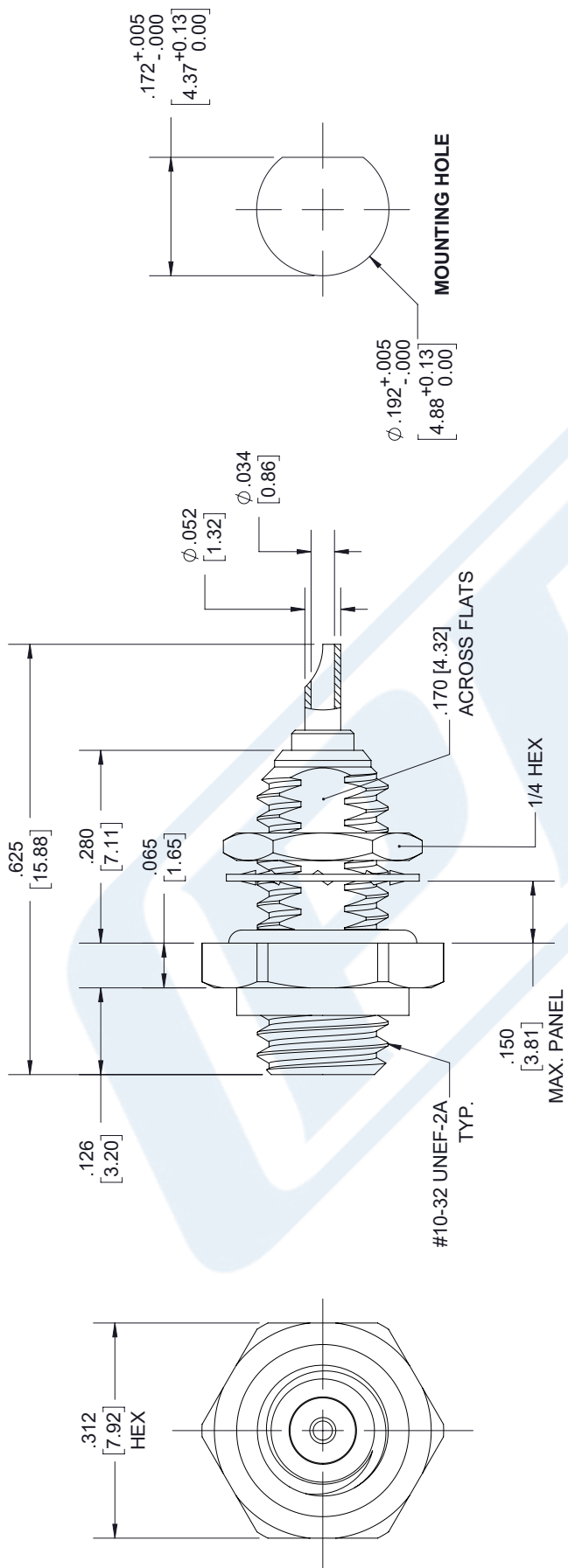
URL: <https://www.pasternack.com/10-32-female-standard-solder-cup-terminal-connector-pe44357-p.aspx>

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.

PE44357 CAD Drawing

10-32 Female Bulkhead Mount Connector Solder Attachment Solder Cup Terminal, .177 inch D Hole

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE44357	3/17/2021	SELLIS



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

TOLERANCES:
X = ± .2 [5.08] FRACTIONS
.XX = ± .02 [.51] ± 1/32
.XXX = ± .005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

PE PASTERNAK
an INFINITI brand

Pasternack Enterprises, Inc.
P.O. Box 16759, Irvine, CA 92623.
Phone: 1.949.261.1920 | 1.866.727.8376
Fax: 1.949.261.7451
Website: www.pasternack.com
E-mail: sales@pasternack.com

SIZE CAGE CODE DRAWN BY ITEM NO. REV

A 53919 K.Dang PE44357 A

THIRD-ANGLE PROJECTION
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SHEET 1 OF 1

SCALE N/A

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