



10-32 Female Bulkhead Connector Clamp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole

TECHNICAL DATA SHEET

PE44367

10-32 Female Bulkhead Connector Clamp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole

Configuration

Connector	10-32 Female
Connector Interface Type	RG174, RG316, RG188
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Size

Length, in [mm]	0.72 [18.29]
Width/Dia., in [mm]	0.438 [11.13]
Weight, lbs [g]	0.016 [7.26]

Connector

Type	10-32 Female
Contact Material and Plating	Gold
Body Material and Plating	Brass, Nickel

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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10-32 Female Bulkhead Connector Clamp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

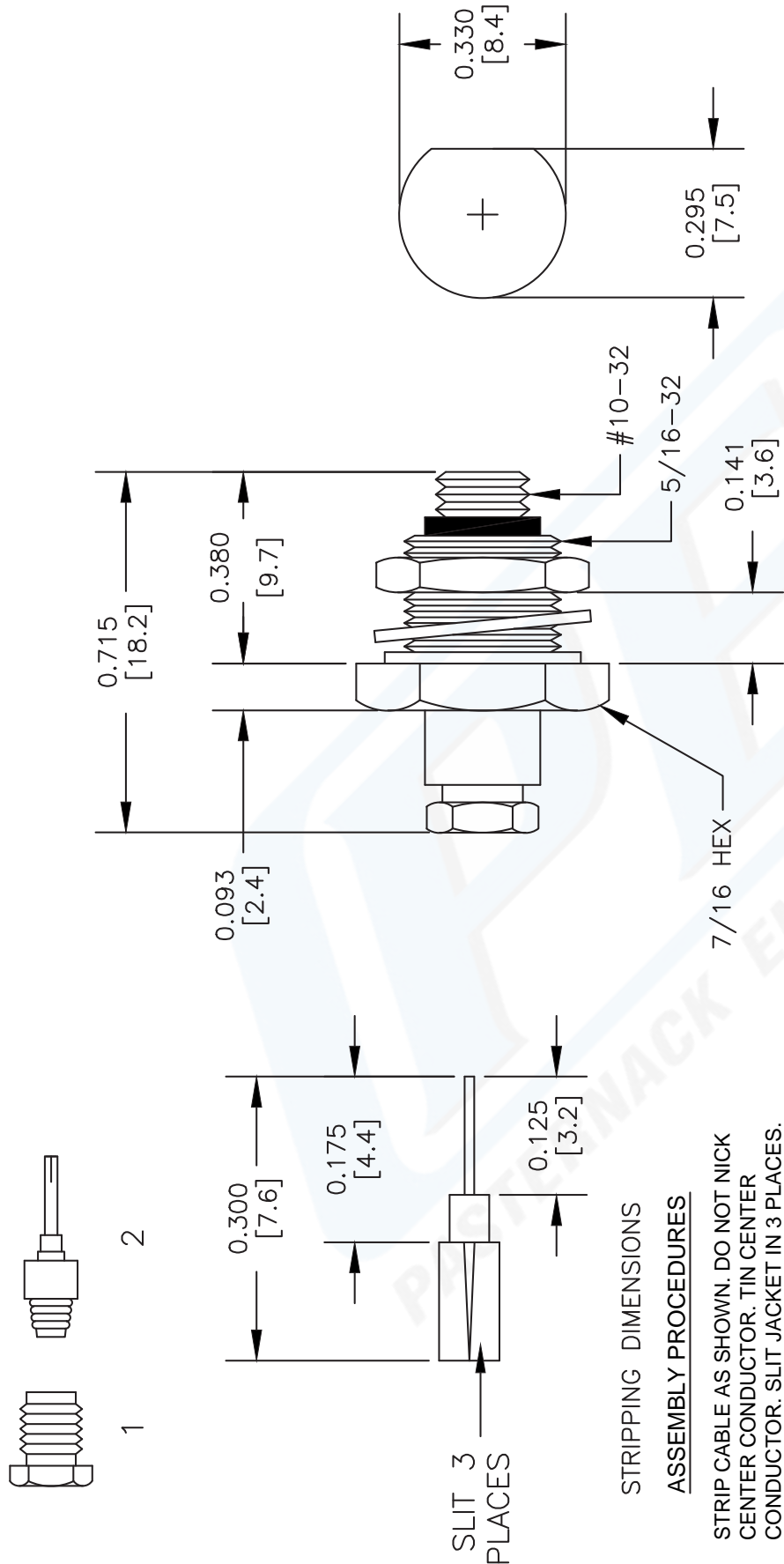
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10-32 Female Bulkhead Connector Clamp/Solder Attachment For RG174, RG316, RG188, .295 inch D Hole PE44367](http://www.pasternack.com/10-32-female-standard-rg174-rg316-rg188-connector-pe44367-p.aspx)

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PE44367 CAD Drawing

10-32 Female Bulkhead Connector Clamp/Solder Attachment
For RG174, RG316, RG188, .295 inch D Hole



MOUNTING HOLE

SLIT 3
PLACES

STRIPPING DIMENSIONS
ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR. TIN CENTER CONDUCTOR. SLIT JACKET IN 3 PLACES.
2. SLIDE CLAMP NUT (1) OVER CABLE FLAIR BRAID, SLIDE CONE (2) OVER DIELECTRIC AND UNDER BRAID. SOLDER CONTACT TO CENTER SOLDER CONTACT TO CENTER CONDUCTOR THROUGH HOLE IN CONTACT.
3. INSERT ASSEMBLY 1 AND 2 INTO BODY & TIGHTEN.

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
PE44367

FSCM NO. 53919

CAD FILE 090803 SCALE N/A SIZE A 127

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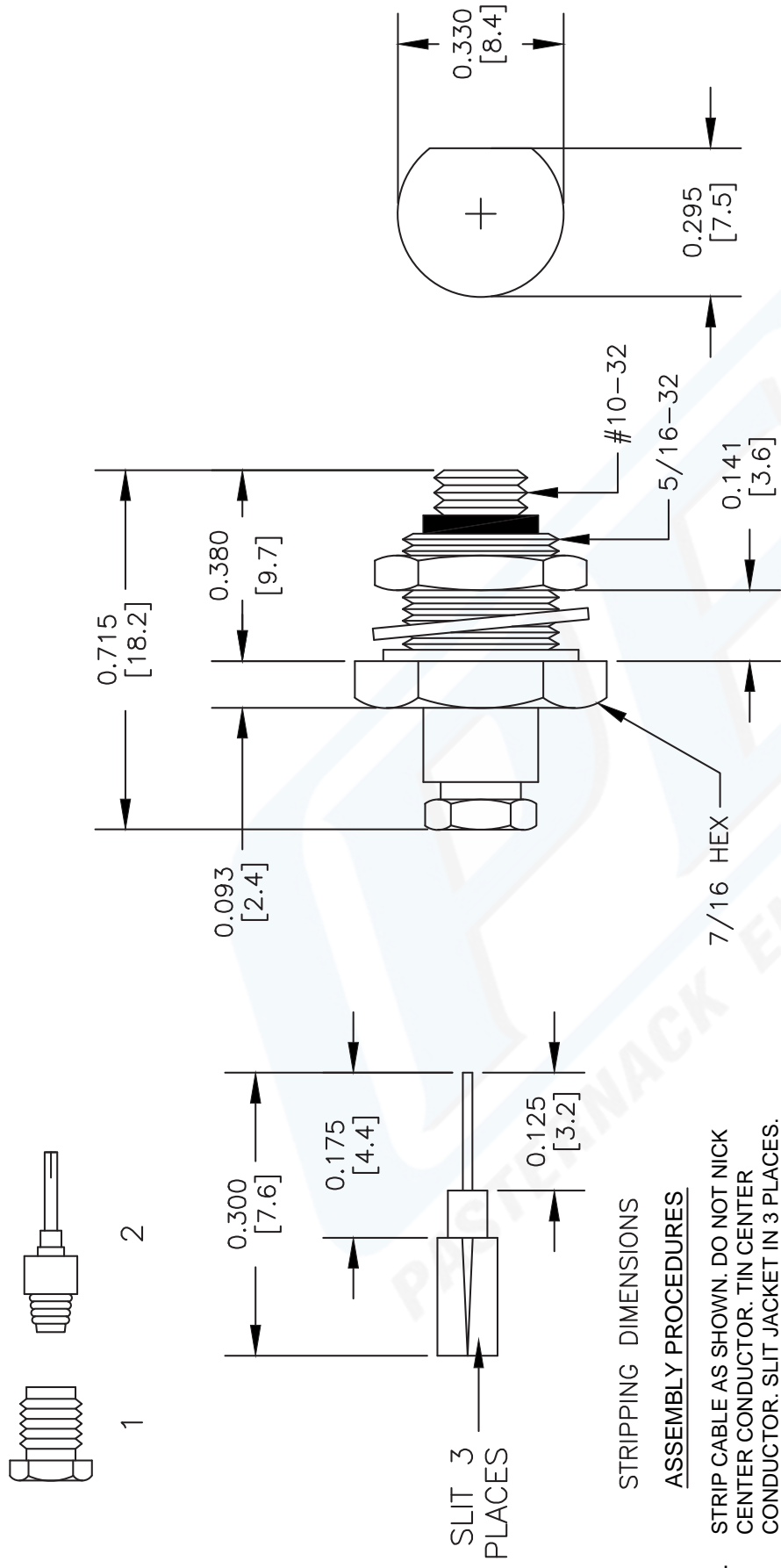
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Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet


RG174A/U

Times Microwave Systems Coax Cable Specification Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Nominal Capacitance		31.08 [101.97]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Typ	8.4	19	32			dB/100ft
	27.56	62.34	104.99			dB/100m

Mechanical Specifications

Diameter	0.11 in [2.79 mm]
Weight	0.009 lbs/ft [0.01 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 7 Strands	0.019 in [0.48 mm]
Conductor Type	Stranded	
Dielectric	PE	0.06 in [1.52 mm]
First Shield	Tinned Copper Braid	0.078 in [1.98 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/U](#)

Flexible RG174 Coax Cable Single
Shielded with Black PVC Jacket

RF Cables
Technical Data Sheet



RG174A/U

Jacket	PVC, Black	0.11 in [2.79 mm]
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Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

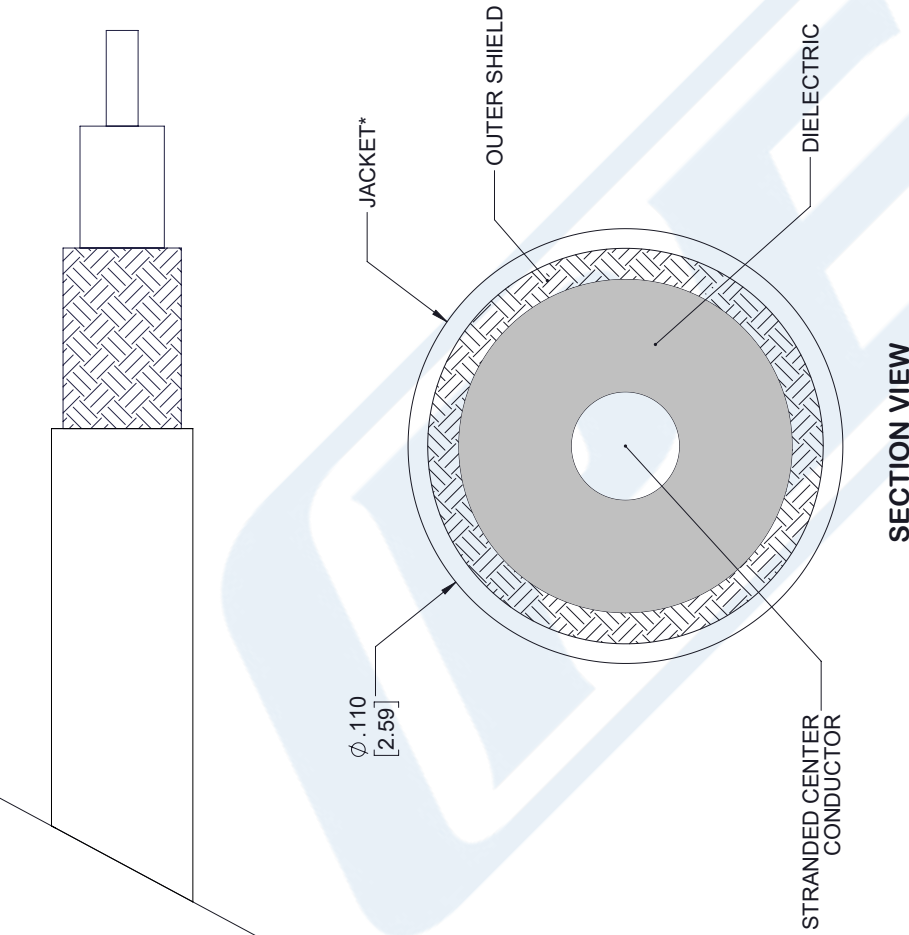
Notes:

Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket 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: [Flexible RG174 Coax Cable Single Shielded with Black PVC Jacket RG174A/U](#)

URL: <https://www.pasternack.com/flexible-0.100-rg174-50-ohm-coax-cable-pvc-jacket-rg174a-u-p.aspx>

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NOTE:
*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

STANDARD	TOLERANCES
.X	±0.2
.XX	±0.01
.XXX	±0.005

DWG TITLE RG174A/U		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].	
CAGE CODE 53919		CAD FILE 05/25/18	SCALE N/A
PASTERNACK® 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		SIZE A	7361