PASTERNACK®
THE ENGINEER'S RF SOURCE



C Female Connector Clamp/Solder Attachment 4 Hole Flange Mount for RG58, RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing

TECHNICAL DATA SHEET PE4969

Configuration

Connector	C Female
Connector Specification	MIL-C-39012
Connector Interface Type	RG58, RG55, RG141, RG142, RG223, RG400
Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	4 Hole Flange

Electrical Specifications

Impedance	50 Ohms

Mechanical Specifications

Temperature

Operating Range	-65 to +165 deg C

Size

Length	1.3 in [33.02 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.082 lbs [37.19 g]

Connector

Type	C Female
Contact Material and Plating	Silver
Contact Plating Specification	QQ-S-365
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

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

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: C Female Connector Clamp/Solder Attachment 4 Hole Flange Mount for RG58, RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing PE4969

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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C Female Connector Clamp/Solder Attachment 4 Hole Flange Mount for RG58, RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

C Female Connector Clamp/Solder Attachment 4 Hole Flange Mount for RG58, RG55, RG141, RG142, RG223, RG400, .718 inch Hole Spacing 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: http://www.pasternack.com/c-female-standard-rg58-rg55-rg141-rg142-rg223-rg400-connector-pe4969-p.aspx

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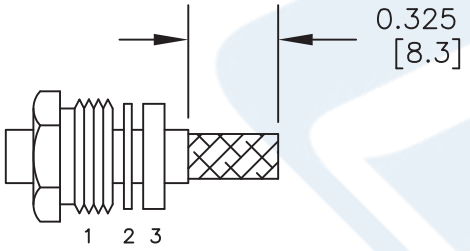
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PE4969 CAD Drawing

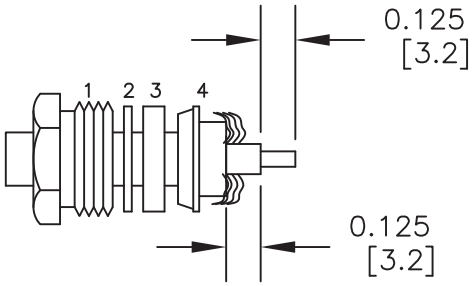
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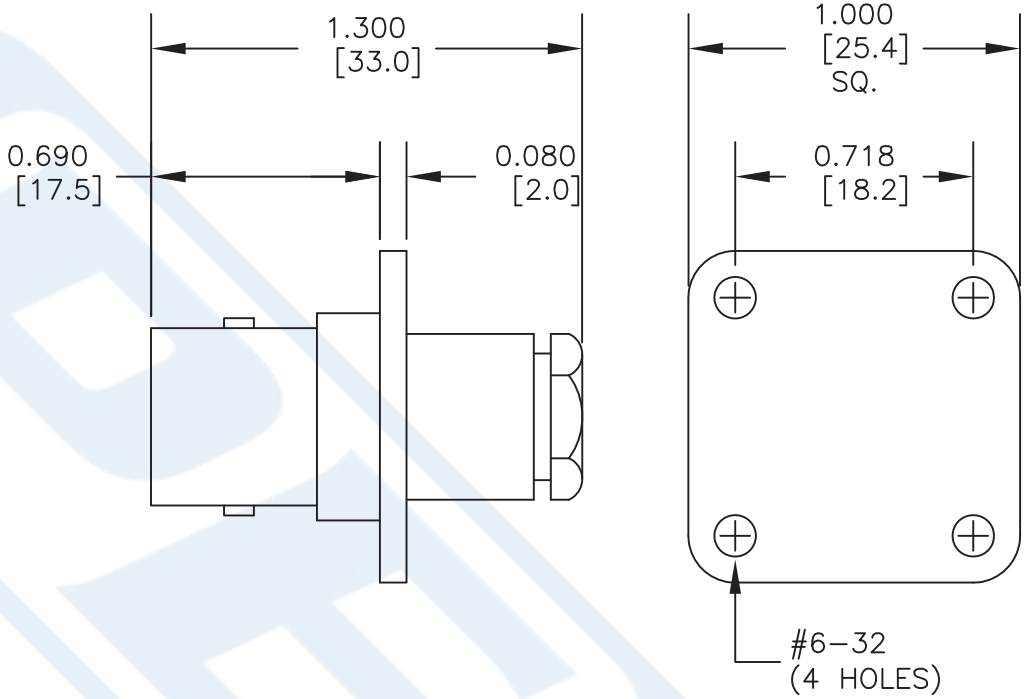
ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.





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DWG TITLE

PE4969

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.

FSCM NO. 53919	CAD FILE 053014	SCALE N/A	SIZE A	2233

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MHV Female Connector Clamp/Solder Attachment 4 Hole Flange For RG55, RG58, RG141, RG142, RG223, RG400, .500 inch Threaded Hole Spacing

TECHNICAL DATA SHEET PE4313

MHV Female Connector Clamp/Solder Attachment 4 Hole Flange For RG55, RG58, RG141, RG142, RG223, RG400, .500 inch Threaded Hole Spacing

Configuration

Connector	MHV Female
Connector Interface Type	RG55,RG58,RG141,RG142,RG223,RG400
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	4 Hole Flange

Electrical Specifications

Impedance, Ohms	50

Mechanical Specifications

Size

Length, in [mm]	1.5 [38.1]
Width/Dia., in [mm]	0.687 [17.45]
Height, in [mm]	0.687 [17.45]
Weight, lbs [g]	0.055 [24.95]

Connector

Type	MHV Female
Contact Material and Plating	Brass, Gold
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

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

RoHS Compliant	Yes

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: MHV Female Connector Clamp/Solder Attachment 4 Hole Flange For RG55, RG58, RG141, RG142, RG223, RG400, .500 inch Threaded Hole Spacing PE4313

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MHV Female Connector Clamp/Solder Attachment 4 Hole Flange For RG55, RG58, RG141, RG142, RG223, RG400, .500 inch Threaded Hole Spacing

TECHNICAL DATA SHEET PE4313

Plotted and Other Data

Notes: Values at 25 °C, sea level

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URL: http://www.pasternack.com/mhv-female-standard-rg55-rg58-rg141-rg142-rg223-rg400-connector-pe4313-p.aspx

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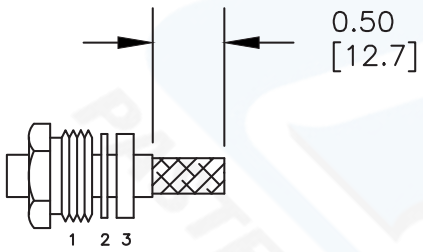
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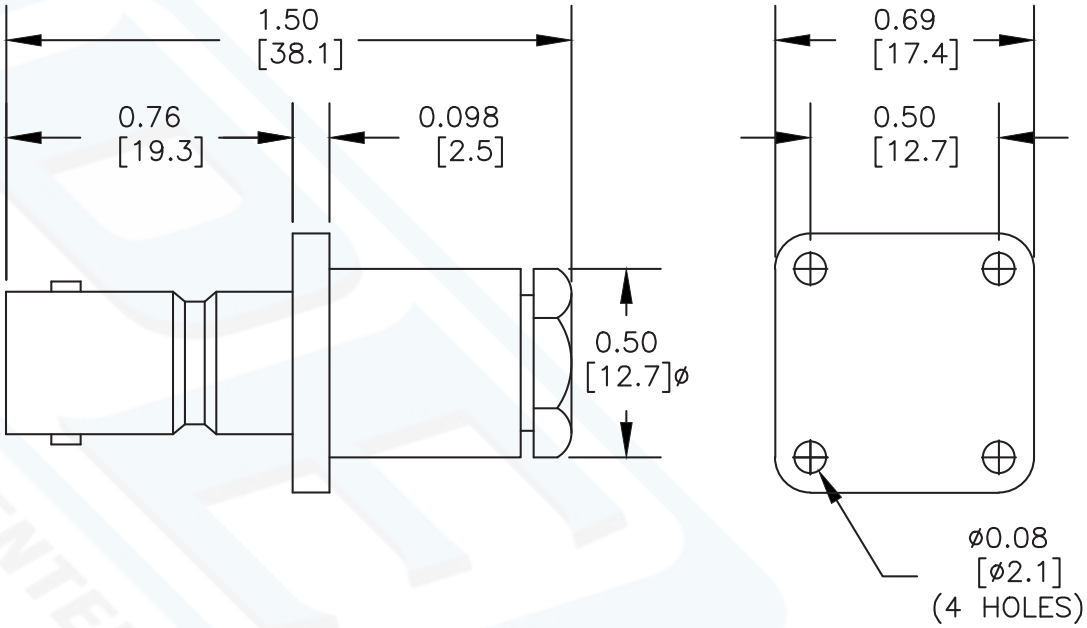
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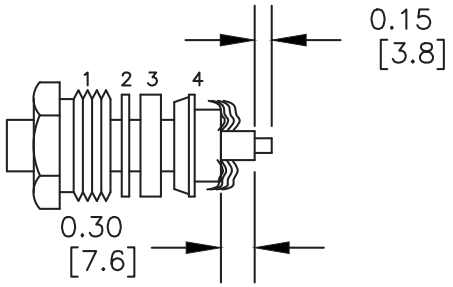
ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.





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DWG TITLE

PE4313

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

FSCM NO. 53919	CAD FILE 050702	SCALE N/A	SIZE A	XXXX

PE4313 CAD Drawing

MHV Female Connector Clamp/Solder Attachment 4 Hole Flange For RG55, RG58, RG141, RG142, RG223, RG400, .500 inch Threaded Hole Spacing

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Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

RF Cables Technical Data Sheet RG58C/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5	GHz
Impedance		50		Ohms
Velocity of Propagation		65.9		%
Operating Voltage (AC)			1,900	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.4	4.9	20	60		dB/100ft
	4.59	16.08	65.62	196.85		dB/100m
Input Power (CW), Max			44			Watts

Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.025 lbs/ft [0.04 Kg/m]
Min. Bend Radius (Installation)	0.98 in [24.89 mm]
Min. Bend Radius (Repeated)	1.96 in [49.78 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 19 Strands	0.036 in [0.91 mm]
Conductor Type	Stranded	
Dielectric	PE	0.116 in [2.95 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket RG58C/U

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Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

First Shield	Tinned Copper Braid	0.138 in [3.51 mm]
Jacket	PVC (NC), Black	0.195 in [4.95 mm]

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) 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.

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URL: https://www.pasternack.com/flexible-0.195-rg58-50-ohm-coax-cable-pvc-jacket-rg58c-u-p.aspx

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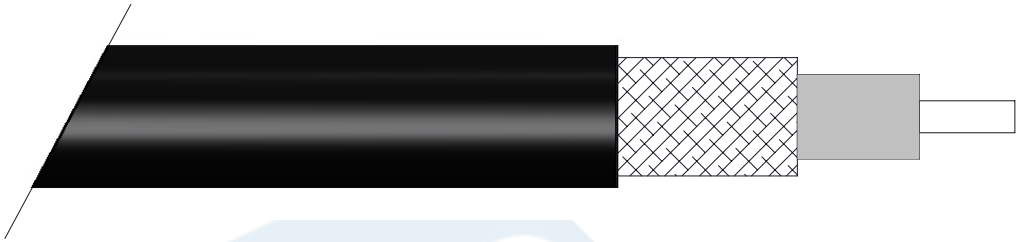
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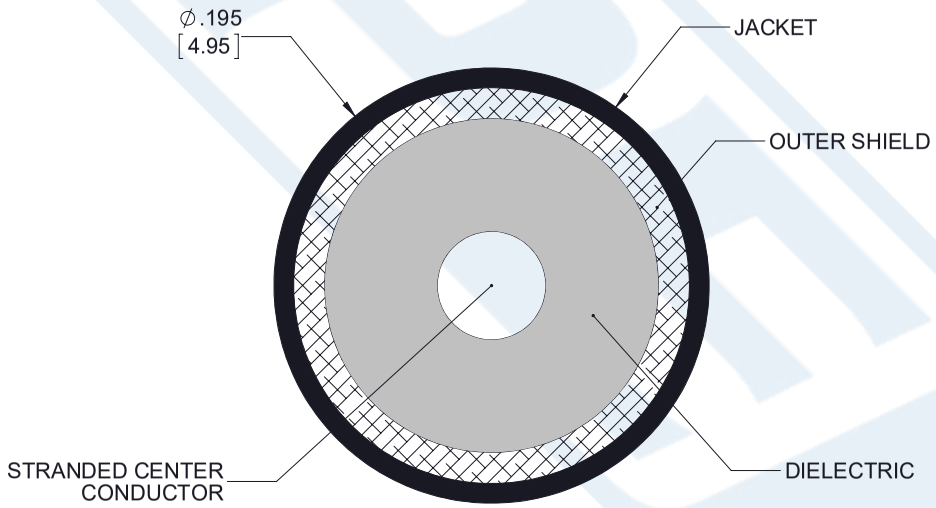
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RG58C/U CAD Drawing

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket





SECTION VIEW

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

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

RG58C/U

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CAGE CODE 53919	CAD FILE 091817	SCALE N/A	SIZE A	7361