



TNC Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100

RF Connectors Technical Data Sheet

PE45143

Configuration

- TNC Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG316, RG174, LMR-100 Interface Type
- Crimp/Solder Attachment

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms

Mechanical Specifications

Size

Length	1.16 in [29.46 mm]
Width/Dia.	0.571 in [14.50 mm]
Weight	0.041 lbs [18.6 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30μ in. minimum
Insulation	Teflon	
Outer Conductor	Brass	Nickel 100μ in. minimum
Body	Brass	Nickel 100μ in. minimum

Environmental Specifications

Temperature

Operating Range	-65 to 165 deg C
-----------------	------------------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 PE45143](#)



TNC Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100

RF Connectors Technical Data Sheet

PE45143

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

RoHS Compliant
REACH Compliant

12/17/2014

Plotted and Other Data

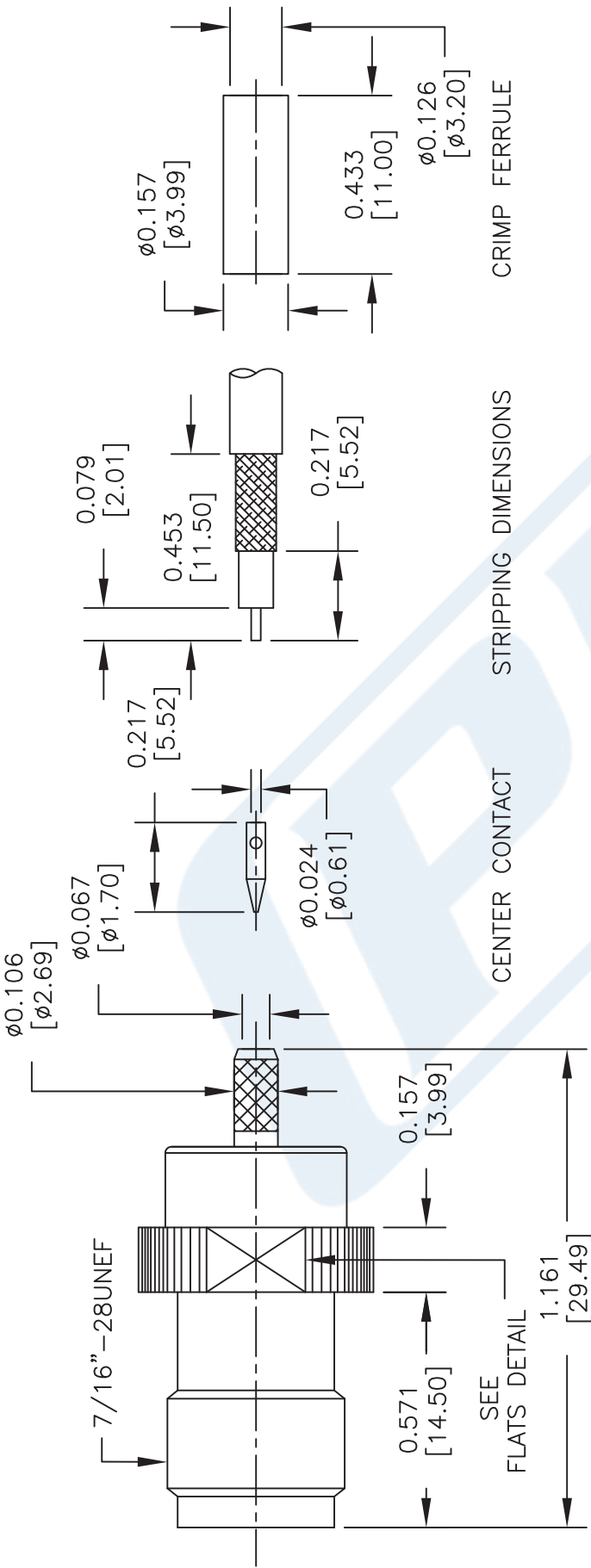
Notes:

TNC Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Connector Crimp/Solder Attachment for RG316, RG174, LMR-100 PE45143](http://www.pasternack.com/tnc-female-rg316-rg174-lmr-100-connector-pe45143-p.aspx)

URL: <http://www.pasternack.com/tnc-female-rg316-rg174-lmr-100-connector-pe45143-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.



CRIMP FERRULE

STRIPPING DIMENSIONS

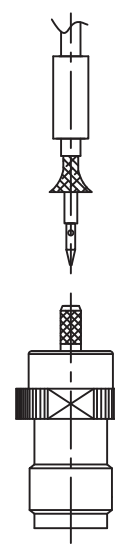
CENTER CONTACT

FLATS DETAIL

ASSEMBLY PROCEDURES

1. STRIP CABLE TO THE DIMENSIONS SHOWN, DO NOT NICK CENTER CONDUCTOR OR BRAID.
2. SLIDE FERRULE ONTO CABLE.
3. PUSH CENTER CONDUCTOR FULLY INTO CONTACT AND SOLDER, REMOVE ANY EXCESS SOLDER.
4. FLARE BRAID AND INSERT CONTACT INTO THE BODY UNTIL IT SEATS.
5. SLIDE FERRULE OVER BRAID AND CRIMP WITH .138" [3.5] HEX. CRIMP TOOL.

FLATS DETAIL



DWG TITLE

PE45143

- 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].



P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

CAD FILE 021215

SCALE N/A

SIZE A

200