NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195

TECHNICAL DATA SHEET   PE51167

Configuration

Connector	NMO Mount
Connector Interface Type	RG58, LMR-195
Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight

Electrical Specifications

Frequency Range	DC to 5 GHz
Impedance	50 Ohms
Maximum VSWR	1.05:1
Maximum Insertion Loss	0.25 dB
Dielectric Withstanding Voltage	1,500 Vdc

Mechanical Specifications
Temperature

Operating Range	-40 to +85 deg C

Connector

Type	NMO Mount
Mating Cycles	500
Contact Material and Plating	Brass, Gold over Nickel
Coupling Nut Material and Plating	Brass, Tri-Metal
Coupling Nut Plating Specification	BBR2
Body Material and Plating	Zinc, Tri-Metal
Body Plating Specification	BBR2

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:

PE51167 REV 1.0   1

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Plotted and Other Data
   Notes:
   • Values at +25 °C, sea level

NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195 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.
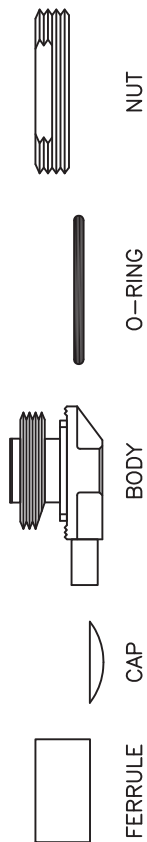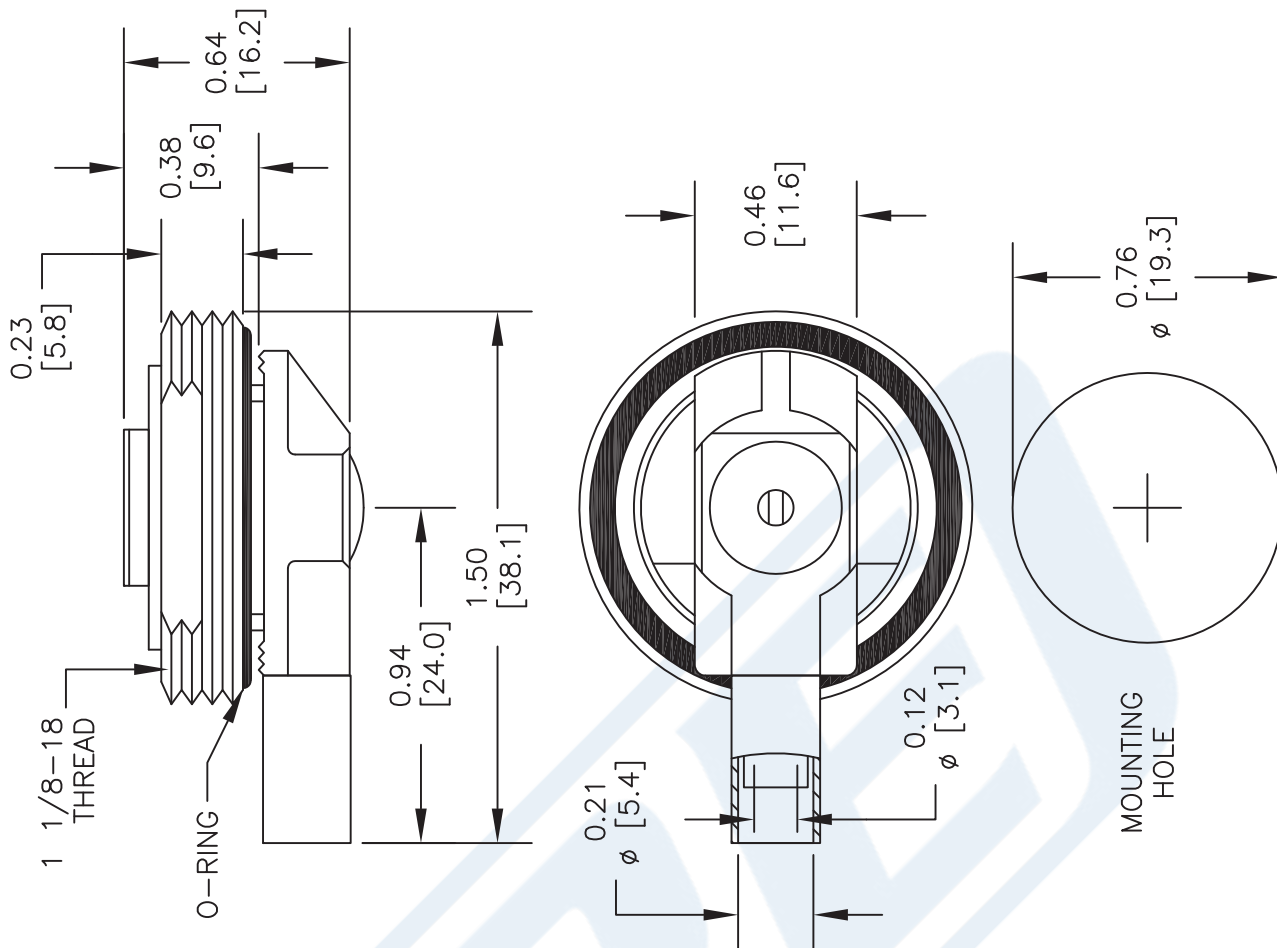
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195 PE51167

URL: http://www.pasternack.com/nmo-mount-rg58-lmr-195-connector-pe51167-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.
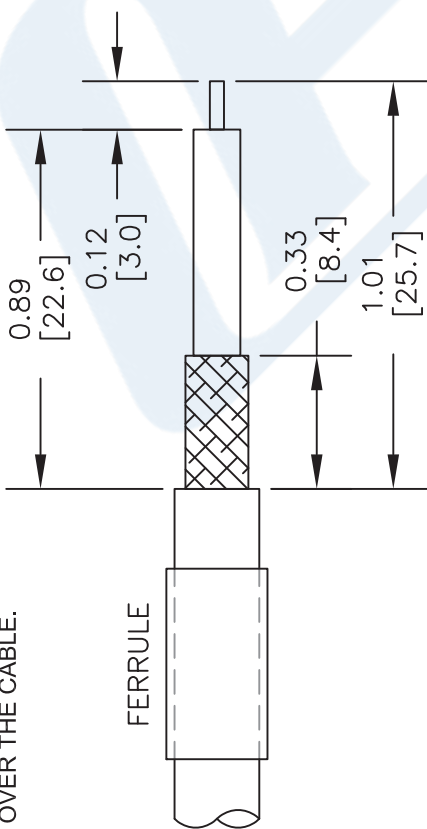
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PE51167 CAD Drawing
NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195

0.64 [16.2]

0.38 [9.6]

0.23 [5.8]

1 1/8–18 THREAD

O–RING

1.50 [38.1]

0.94 [24.0]

0.46 [11.6]

0.76 ⌀ [19.3]

0.12 ⌀ [3.1]

0.21 ⌀ [5.4]

MOUNTING HOLE

ASSEMBLY PROCEDURES

FERRULE

CAP

BODY

O–RING

NUT

1. STRIP THE COAX CABLE USING THE DIMENSION. SLIDE THE FURRELE OVER THE CABLE.

0.89 [22.6]

0.12 [3.0]

0.33 [8.4]

1.01 [25.7]

FERRULE

2. SLIDE THE CONNECTOR BODY UNDER THE BRAID / FOIL. SLIDE THE FERRULE FORWARD OVER THE BRAID / FOIL THEN CRIMP (HEX .213)
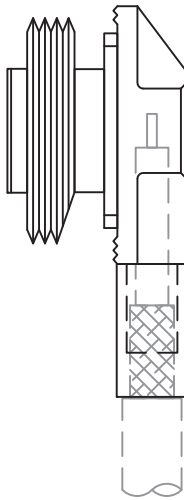
3. SOLDER CENTER CONDUCTOR TO CENTER CONTACT.

SOLDER

2233

SIZE A

SCALE N/A

CAD FILE 092215

FSCM NO. 53919

DWG TITLE

PE51167