# PASTERNACK®
## THE ENGINEER'S RF SOURCE

## 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)
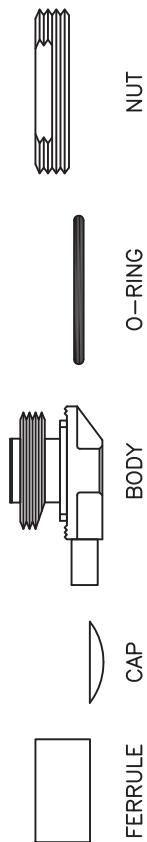RoHS Compliant

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

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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ISO 9001 : 2008 Registered

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## TECHNICAL DATA SHEET                                    PE51167

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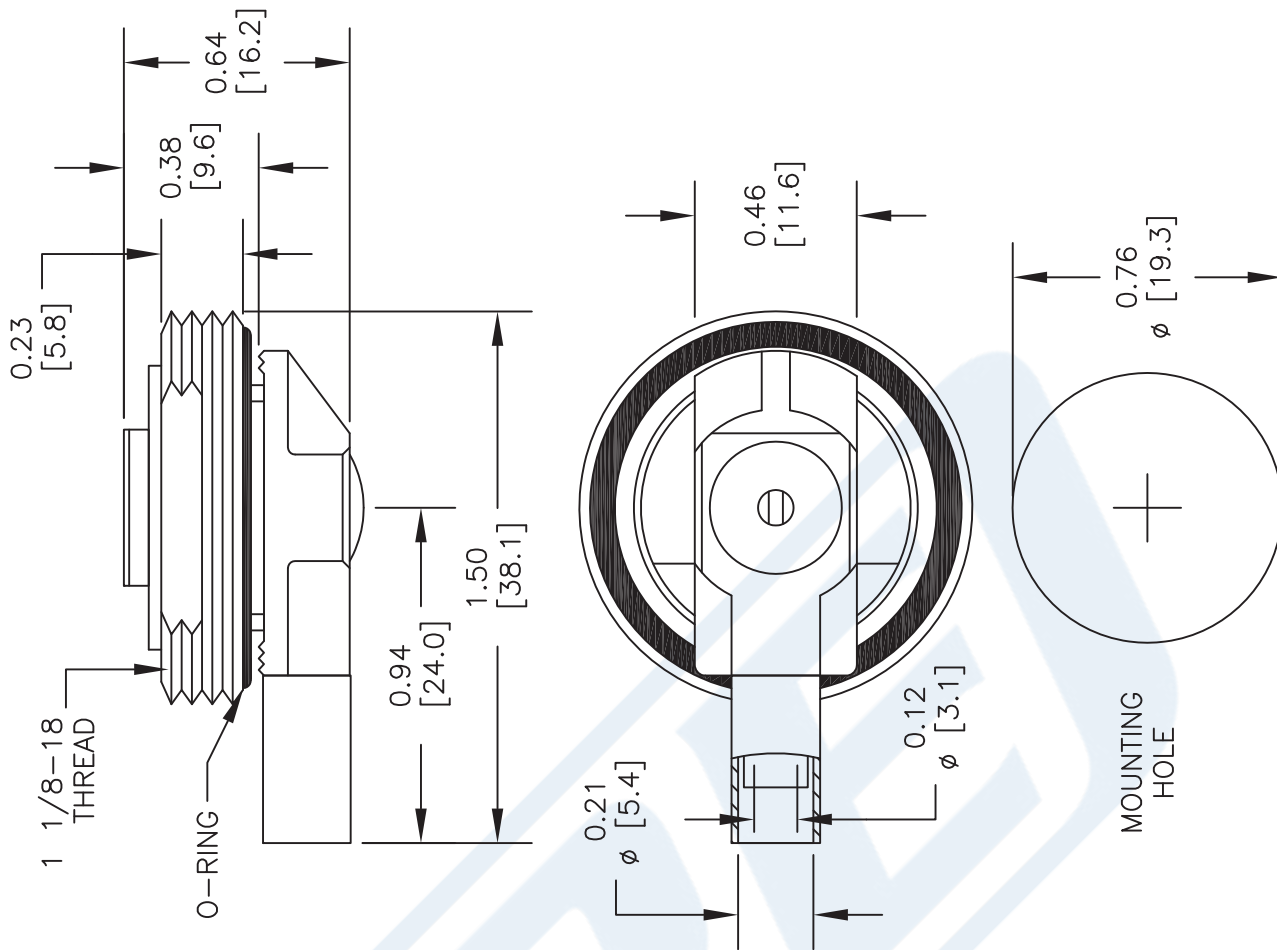
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195 PE51167

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.
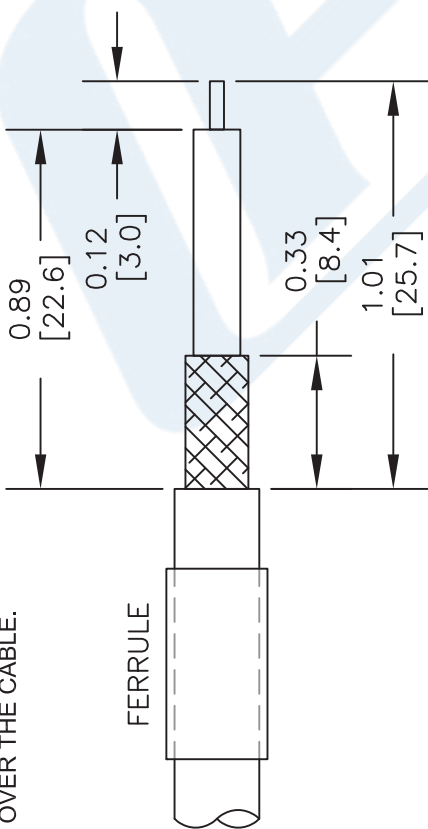
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# PE51167 CAD Drawing
## NMO Mount Connector Crimp/Solder Attachment for RG58, LMR-195

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]

0.21 ∅ [5.4]

0.12 ∅ [3.1]

MOUNTING HOLE

FERRULE

CAP

O-RING

BODY

NUT

## ASSEMBLY PROCEDURES

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)
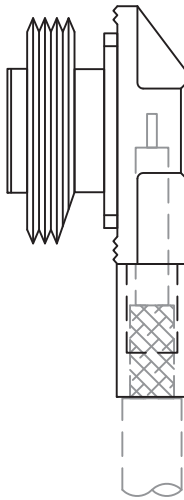
3. SOLDER CENTER CONDUCTOR TO CENTER CONTACT.

SOLDER
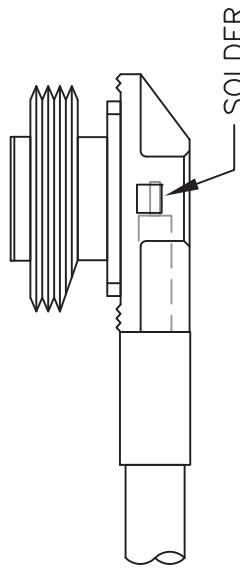
NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

| DWG TITLE | PE51167 | FSCM NO. | 53919 |

| CAD FILE | 092215 |
| SCALE | N/A |
| SIZE | A |
| | 2233 |

PE51167 REV 1.0

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