



## N Male Connector Crimp/Non-Solder Contact Attachment for LMR-195, PE-C195, LMR-200, PE-C200

### RF Connectors Technical Data Sheet



**EZ-195-NMH-X**

#### Times Microwave Systems Connector Specification

##### Configuration

- N Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: LMR-195, PE-C195, LMR-200, PE-C200

##### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Gold Plated Beryllium Copper Contact
- 50 µin Thickness contact plating

##### Applications

- General Purpose Test
- Custom Cable Assemblies

##### Description

Pasternack's EZ-195-NMH-X type N, N, Standard, Connector is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Our type N male connector EZ-195-NMH-X datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

##### Electrical Specifications

| Description                          | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|---------|---------|-------|
| Frequency Range                      | DC      |         | 6       | GHz   |
| VSWR                                 |         |         | 1.3:1   |       |
| Insertion Loss                       |         |         | 0.25    | dB    |
| Impedance                            |         | 50      |         | Ohms  |
| Dielectric Withstanding Voltage (DC) |         |         | 1,000   | Vdc   |
| Insulation Resistance                | 5,000   |         |         | MOhms |

##### Mechanical Specifications

###### Size

|               |                    |
|---------------|--------------------|
| Length        | 1.27 in [32.26 mm] |
| Width         | 0.81 in [20.62 mm] |
| Height        | 0.81 in [20.62 mm] |
| Weight        | 0.08 lbs [35.83 g] |
| Mating Cycles | 500 Cycles         |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Non-Solder Contact Attachment for LMR-195, PE-C195, LMR-200, PE-C200 EZ-195-NMH-X](#)



## N Male Connector Crimp/Non-Solder Contact Attachment for LMR-195, PE-C195, LMR-200, PE-C200

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#### Material Specifications

| Description     | Material         | Plating                       |
|-----------------|------------------|-------------------------------|
| Contact         | Beryllium Copper | Gold<br>50 µin Thickness      |
| Insulation      | PTFE             |                               |
| Outer Conductor | Brass            | Tri-Metal<br>80 µin Thickness |
| Body            | Brass            | Tri-Metal<br>80 µin Thickness |
| Coupling Nut    | Brass            | Tri-Metal<br>80 µin Thickness |

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +125 deg C

Shock

MIL-STD 202G, Meth. 213, Cond. I

Vibration

MIL-STD 202G, Meth. 204, Cond.B

Thermal Shock

MIL-STD 202G, Meth. 107, Cond.B

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

#### Plotted and Other Data

Notes:

N Male Connector Crimp/Non-Solder Contact Attachment for LMR-195, PE-C195, LMR-200, PE-C200 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.

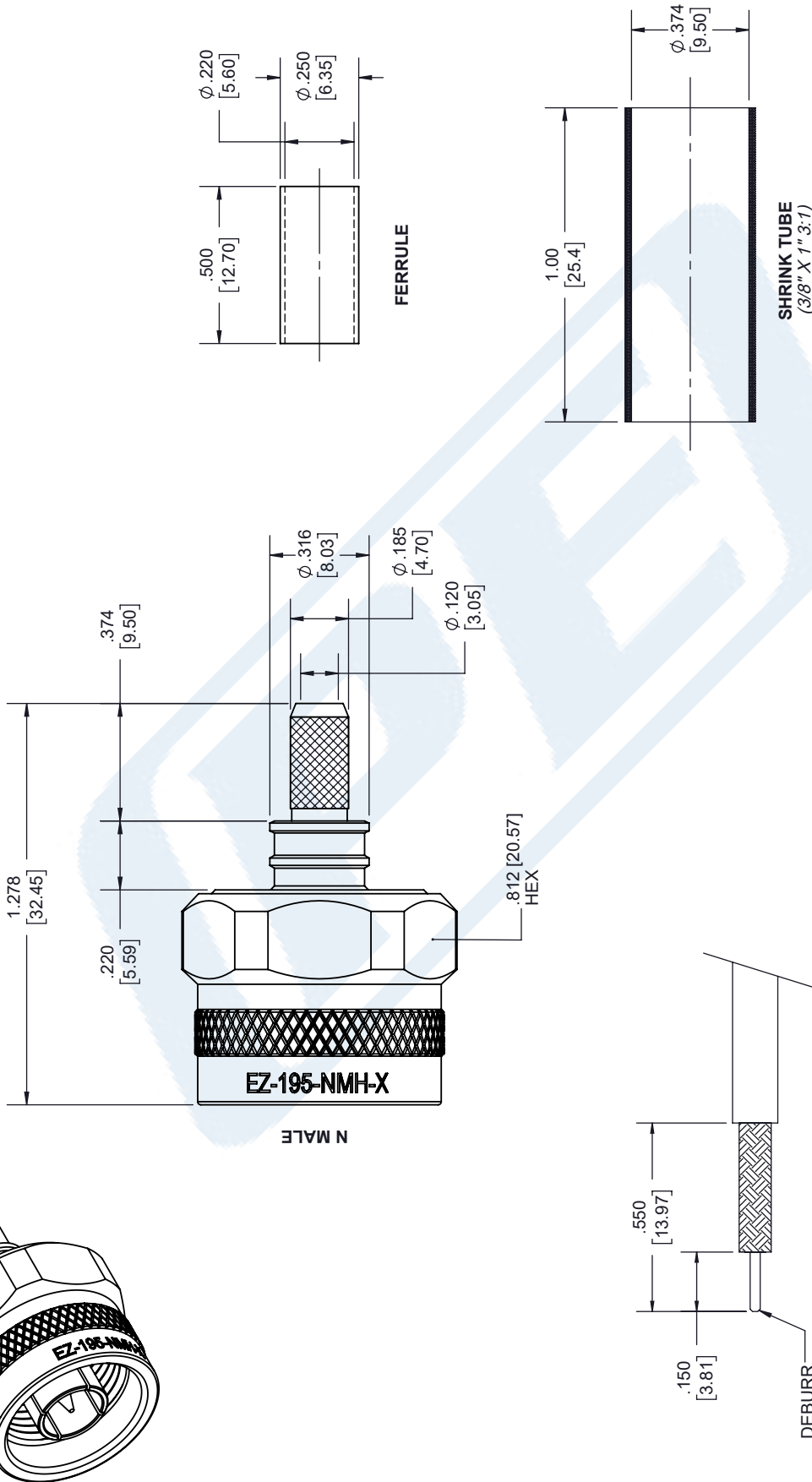
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Non-Solder Contact Attachment for LMR-195, PE-C195, LMR-200, PE-C200 EZ-195-NMH-X](#)

URL: <https://www.pasternack.com/n-male-lmr-195-pe-c195-connector-ez-195-nmh-x-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.

**TIMES** MICROWAVE SYSTEMS **EZ-195-NMH-X CAD Drawing**  
N Male Connector Crimp/Non-Solder Contact Attachment  
for LMR-195, PE-C195, LMR-200, PE-C200

| REVISIONS |                 |           |            |
|-----------|-----------------|-----------|------------|
| REV.      | DESCRIPTION     | DATE      | APPROVED   |
| A         | INITIAL RELEASE | 6/16/2022 | A. GANWANI |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                                                                                                                                                              |  |
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| <b>P</b> <b>E</b> <b>PASTERNAK</b><br>an INFINITI brand<br>Pasternack Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.1920   1.866.727.8376<br>Fax: 1.949.261.7451<br>Website: www.pasternack.com<br>E-mail: sales@pasternack.com                                                                                                                                                                                                                                                 |                                                                                                                   | <b>THIRD-ANGLE PROJECTION</b><br><br>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.<br>SHEET 1 OF 1<br>SCALE N/A |  |
| <b>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</b><br><b>TOLERANCES:</b><br>X ± .2 [5.08]   FRACTIONS ± .132<br>XX ± .02 [1.51]   ANGLES ± 1°<br>XXX ± .005 [1.3]  <br>CABLE LENGTH (L) TOLERANCES:<br>L ≤ 12 [305] = +1[25] / -0<br>12 [305] < L ≤ 60 [1524] = +2[51] / -0<br>60 [1524] < L ≤ 120 [3048] = +4 [102] / -0<br>120 [3048] < L ≤ 300 [7620] = +6 [152] / -0<br>300 [7620] < L = +5%L / -0<br><b>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</b> | <b>SIZE</b> A<br><b>CAGE CODE</b> 53919<br><b>DRAWN BY</b> K.DANG<br><b>ITEM NO.</b> EZ-195-NMH-X<br><b>REV</b> A |                                                                                                                                                                              |  |

**NOTES:**

- CABLE ATTACHMENT:  
• OUTER: CRIMP.  
• INNER: SOLDER.
- CRIMP SIZE REQUIRED:  
• FERRULE: .213 [5.41] HEX. CRIMP TOOL.  
• CONTACT: SOLDER.

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