

**I. MATERIALS & FINISHES**

| Components   | Materials        | Finishes | Thk. (μ") |
|--------------|------------------|----------|-----------|
| Body         | Brass            | Albaloy  | 80        |
| Center Cont. | Beryllium Copper | Gold     | 50        |
| Ferrule      | Brass            | Albaloy  | 80        |
| Nut          | Brass            | Albaloy  | 80        |
| Insulator    | PTFE             | --       | --        |
| Gasket       | Silicone         | --       | --        |

**II. ELECTRICAL PROPERTIES**

|                                      |             |
|--------------------------------------|-------------|
| Impedance (Ω):                       | 50          |
| Frequency Range (GHz):               | DC to 6 GHz |
| Dielectric Withstanding Voltage (V): | 1000        |
| Insulation Resistance (MΩ):          | ≥5000       |
| VSWR:                                | ≤1.30       |
| Insertion Loss(dB, f/GHz):           | -0.1x √f    |

**III. ENVIRONMENT PROPERTIES**

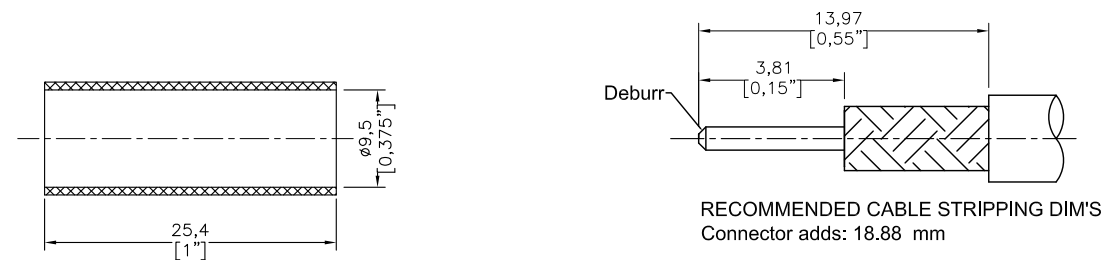
|                    |                                |
|--------------------|--------------------------------|
| Temperature Range: | -40°C~+125°C                   |
| Thermal Shock:     | MIL-STD 202G, Meth.107, Cond.B |
| Vibration:         | MIL-STD 202G, Meth.204, Cond.B |
| Shock:             | MIL-STD 202G, Meth.213, Cond I |
| Climatic Class:    | IEC 60068 55/155/21            |
| (2002/95/EC)RoHS:  | Compliant                      |

**IV. MECHANICAL PROPERTIES**

|                                    |                |
|------------------------------------|----------------|
| Center Cont.:                      | Finger Contact |
| Outer Cont.:                       | Crimp          |
| Coupling Nut Torque (N.m):         | N/A            |
| Cbl-Connector Retention Force (N): | 177            |
| Durability (cycles):               | 500            |

**V. TOOLING**

Stripping Tool: 3192-102/CST-195/200  
Crimping Tool: 3190-667/CT-240/200/100



Shrink Tube (3/8"x1" 3:1)

RECOMMENDED CABLE STRIPPING DIM'S  
Connector adds: 18.88 mm

Compatible with Standard: IEC 61169-16

| MATL:                  | UNLESS OTHERWISE SPECIFIED  | DFTM. | Monica.W   |   |                                       |
|------------------------|---|-------|------------|---|---------------------------------------|
| USED ON: O             | ALL DIMENSIONS ARE IN mm<br>MACHINED SURFACES FINISH 1.6 RMS MAX.<br>REMOVE ALL BURRS 0.15X45° MAX. BREAK<br>MACHINE CORNERS 0.15X45° D MAX. FILLET<br>R. TOLERANCES ON DECIMALS<br>.X ±0.3 .XX ±0.15<br>ANGLES ±2° FRACTIONS ± N/A | DATE  | 2018.06.04 |   |                                       |
| SCALE: N/A DWG SIZE A4 |   | CHKD  | Patrick.M  |   |                                       |
|                        |   | DATE  | 2018.06.04 |   |                                       |
|                        |   | APPD  | Joslen.W   |   |                                       |
|                        | DO NOT SCALE DRAWING  | DATE  | 2018.06.04 | <b>EZ-195-NMH-X</b><br>Type N Male (Plug) Straight Non-Solder Pin No Braid Trim Connector for LMR-195 Cable |                                       |
|                        | CODE IDENT  | 68999 | DATE       | 2018.06.04  | S H T 1 OF 1 <b>3190-6497</b> R E V A |