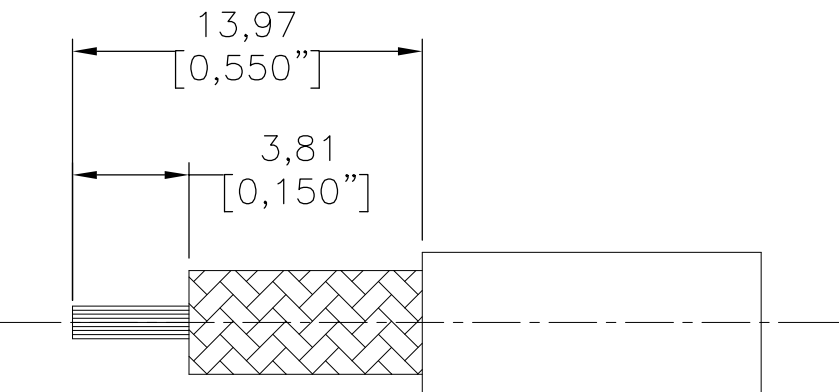
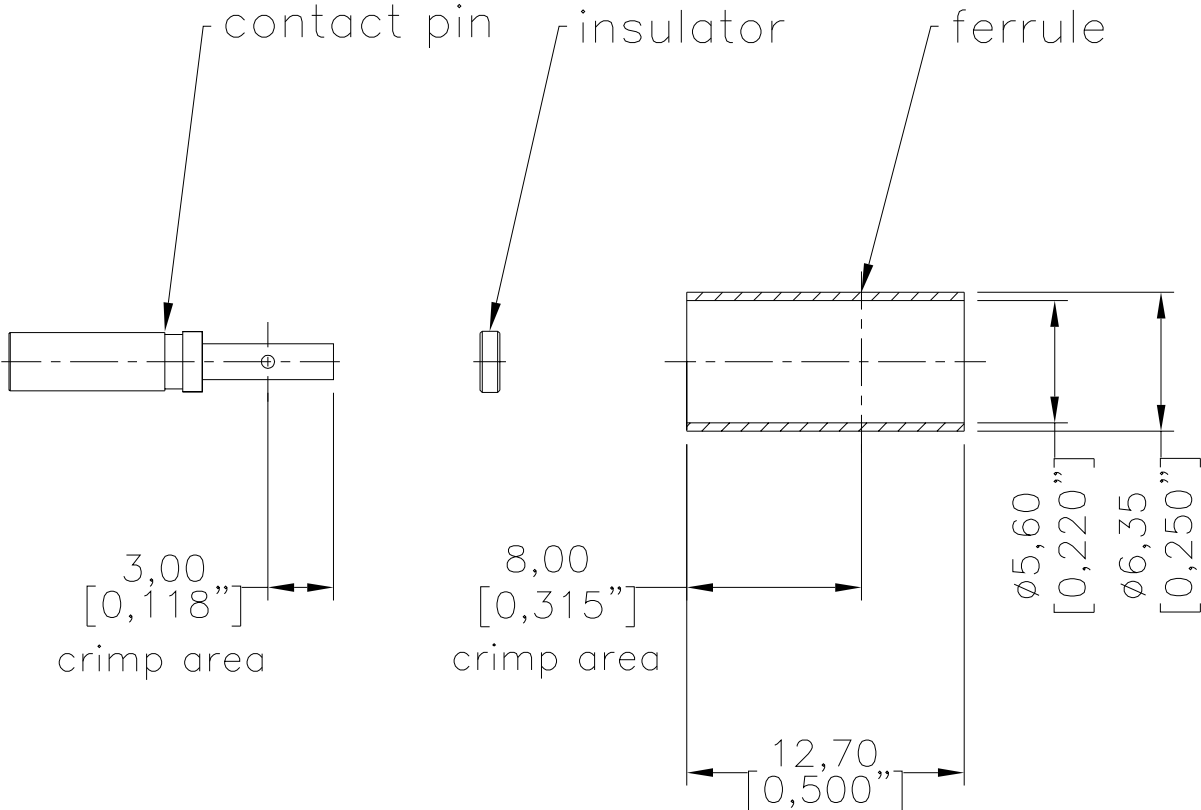
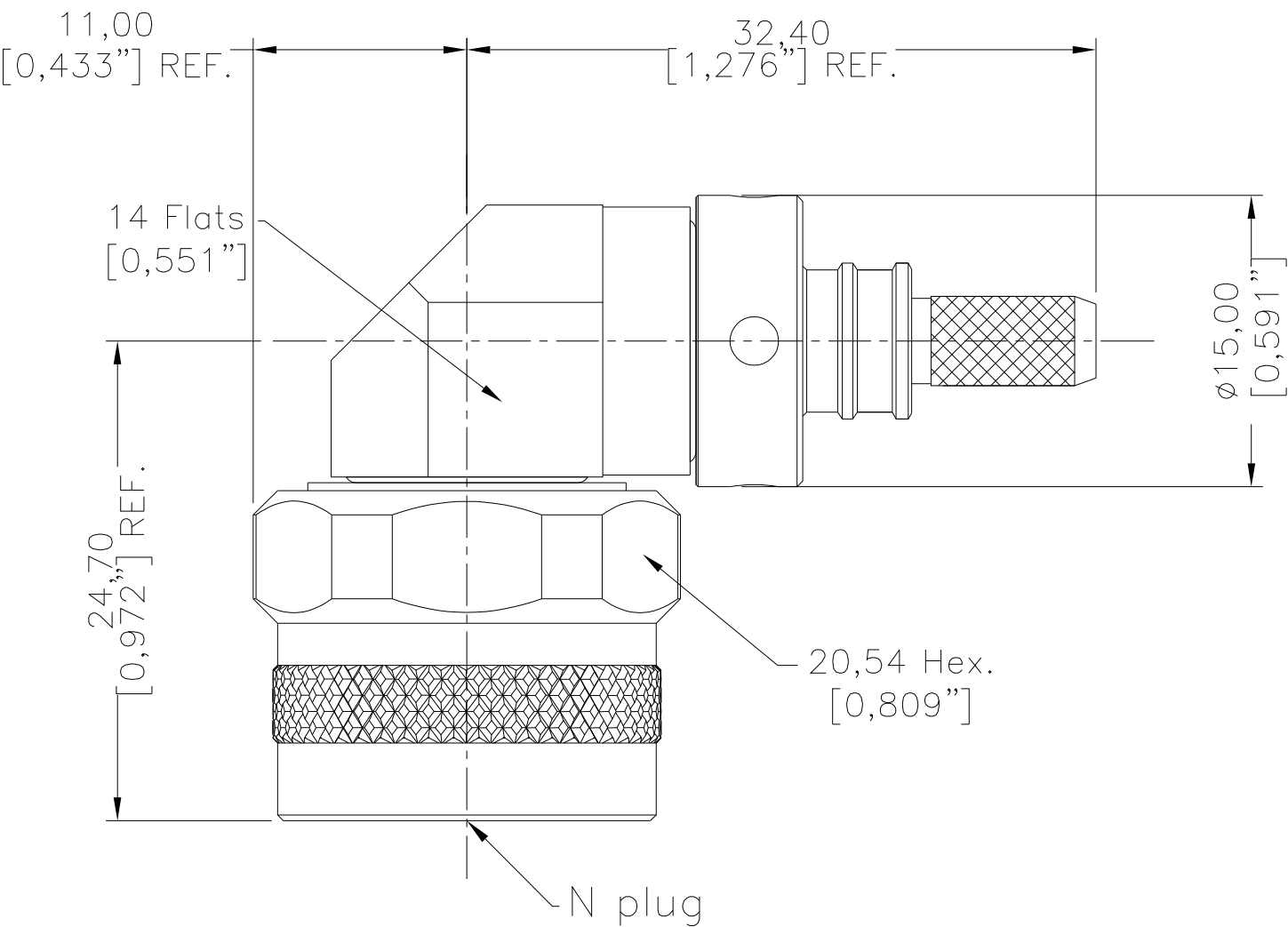




RECOMMENDED CABLE STRIPPING DIM'S  
Connector Adds: 18.8 mm

**I. MATERIALS & FINISHES**

| Components   | Materials        | Finishes | Thk. (μ") |
|--------------|------------------|----------|-----------|
| Body         | Brass            | Sn-Ni    | 100       |
| Contact Pin  | Beryllium Copper | Gold     | 50        |
| Insulator    | PTFE             | --       | --        |
| Coupling Nut | Brass            | Sn-Ni    | 100       |
| Ferrule      | Brass            | Sn-Ni    | 100       |
| Gasket       | Silicone Rubber  | --       | --        |

**II. ELECTRICAL PROPERTIES**

|                                      |         |
|--------------------------------------|---------|
| Impedance (Ω):                       | 50      |
| Frequency Range (GHz):               | DC-6    |
| Dielectric Withstanding Voltage (V): | 1000    |
| Insulation Resistance (MΩ):          | ≥5000   |
| VSWR: for solder center contact      | ≤1.35   |
| for crimp center contact             | ≤1.40   |
| Insertion Loss(dB, f in GHz):        | -0.1x√f |

**III. ENVIRONMENT PROPERTIES**

|                    |                                 |
|--------------------|---------------------------------|
| Temperature Range: | -65°C--165°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             |
| RoHS:              | Compliant                       |

**IV. MECHANICAL PROPERTIES**

|                                      |              |
|--------------------------------------|--------------|
| Center Contact:                      | Solder/Crimp |
| Outer Contact:                       | Crimp        |
| Coupling Nut Torque (in.lbs):        | 6-10         |
| Cbl-Connector Retention Force (lbs): | 40           |
| Durability (Cycles):                 | 500          |

**V. TOOLING**

|                   |                     |
|-------------------|---------------------|
| Stripping Tool:   | N/A                 |
| Crimping Size     |                     |
| Center Contact:   | .052" HEX.          |
| Outer Contact:    | .213" HEX.          |
| Heat Shrink Tube: | 3/8"x1" (3:1) 1 pcs |

Interface Compatible with Standard:  
IEC 61169-16  
MIL-STD-348

|            |                                                                                                                                                                                                                                     |                      |             |                  |                                                                                                                              |            |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------|------------------|------------------------------------------------------------------------------------------------------------------------------|------------|
| MATL:      | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                          |                      | DFTM.       | Patrick          |                                         |            |
|            | 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        | 2019/03/30       |                                                                                                                              |            |
|            |                                                                                                                                                                                                                                     |                      | CHKD        | Monica           |                                                                                                                              |            |
|            |                                                                                                                                                                                                                                     |                      | DATE        | 2019/03/30       |                                                                                                                              |            |
| USED ON: O |                                                                                                                                                                                                                                     |                      | APPD        | Joslen           | <b>TC-3520-NMH-RA-X</b><br>Type N Male (Plug) Right Angle<br>Solder/Crimp Pin No Braid Trim<br>Connector for TCA352001 Cable |            |
| SCALE: N/A | DWG SIZE A3                                                                                                                                                                                                                         | DO NOT SCALE DRAWING | CODE ID/FNT | 68999            | DATE                                                                                                                         | 2019/03/30 |
|            |                                                                                                                                                                                                                                     | SHT                  | 1/1         | <b>3190-8062</b> | REV                                                                                                                          | A          |