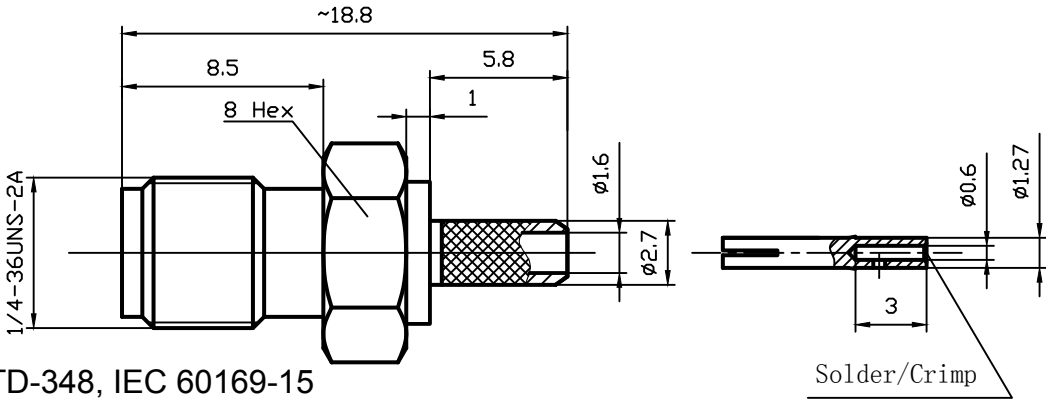


| A     |               | B          |  | C         |         | D |  | E |  | F               |  |
|-------|---------------|------------|--|-----------|---------|---|--|---|--|-----------------|--|
| RevNo | Revision note | Date       |  | Signature | Checked |   |  |   |  | RoHS Compliant. |  |
| V1.0  | Sketch only   | 15/06/2024 |  |           |         |   |  |   |  |                 |  |



**Interface Per:** MIL-STD-348, IEC 60169-15  
**Cable Type:** RG316

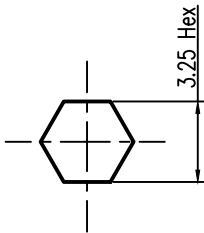
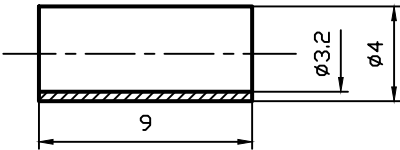
**Material & Finishing:**

- Center condutor: Phosphor bronze, Gold Plating
- Insulators: PTFE
- Body : Brass, Gold Plating
- Crimping Ferrule: Soft Copper,Gold Plating

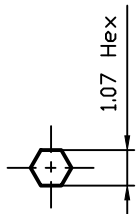
**Electrical Data:**

- Impedance: 50 Ohms
- Frequency: 0~3GHz
- VSWR: ≤1.15 @ 900MHz,  
≤1.2 @ 1800MHz,  
≤1.3 @ 3000MHz,  
≤1.4 @ 6000MHz,
- Insertion loss: ≤0.05dB @ 900MHz,  
≤0.05dB @ 1800MHz,  
≤0.05dB @ 3000MHz,  
≤0.05dB @ 6000MHz,
- Dielectric Withstanding voltage:750V Min
- Voltage Rating : 250V Max

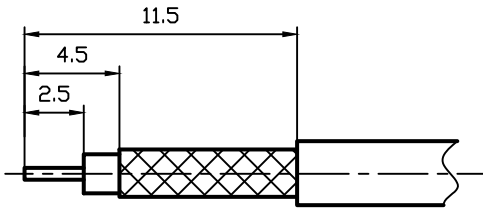
**Package :** 1 PC per bag  
**Laser Mark:** LenoRF



Recommended stamping  
hexagonal die size (cannula)



Recommended stamping  
hexagonal die size (Inserting pin)



Suggested stripping

**Label Content:**

LenoRF  
Part No: 3.01.299  
Part Name: SMA JACK FOR RG316 CABLE  
QTY: 1 PC  
Date: WW/YY (Week/year)

|                                                                                                      |           |           |                                 |                                                                                       |                                                                                       |          |
|------------------------------------------------------------------------------------------------------|-----------|-----------|---------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|
| Unless otherwise specified, tolerances as below:<br>.x ±0.15<br>.xx ±0.1<br>.xxx ±0.05<br>Angle: ±2° | Material: | See Notes | Weight                          | g                                                                                     |  |          |
|                                                                                                      | Finish:   | See Notes | Scale                           | 8 : 1                                                                                 |                                                                                       |          |
|                                                                                                      | Unit      | mm        | Page                            | 01                                                                                    |                                                                                       |          |
|                                                                                                      | REV.      | V1.0      | p/n                             | 01                                                                                    | DWG NO.                                                                               | 3.01.299 |
| Drawn                                                                                                |           | DATA:     | Projection                      |  | Cust P/N.                                                                             | TBD      |
| Checked                                                                                              |           | DATA:     | Title: SMA JACK FOR RG316 CABLE |                                                                                       |                                                                                       |          |
| Approved                                                                                             |           | DATA:     |                                 |                                                                                       |                                                                                       |          |