

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-----------------------|-----------|-----|------|
| | A | GTP PER ECN-25-338513 | 17AUG2025 | ED | WZ |

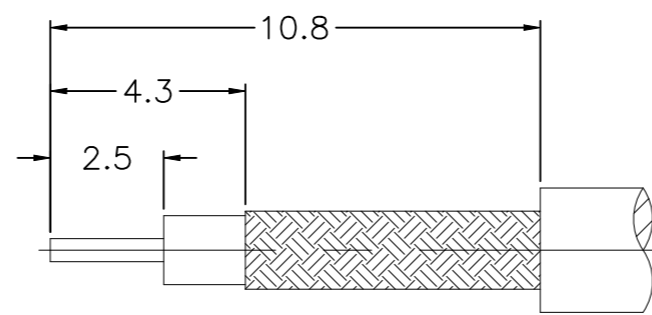
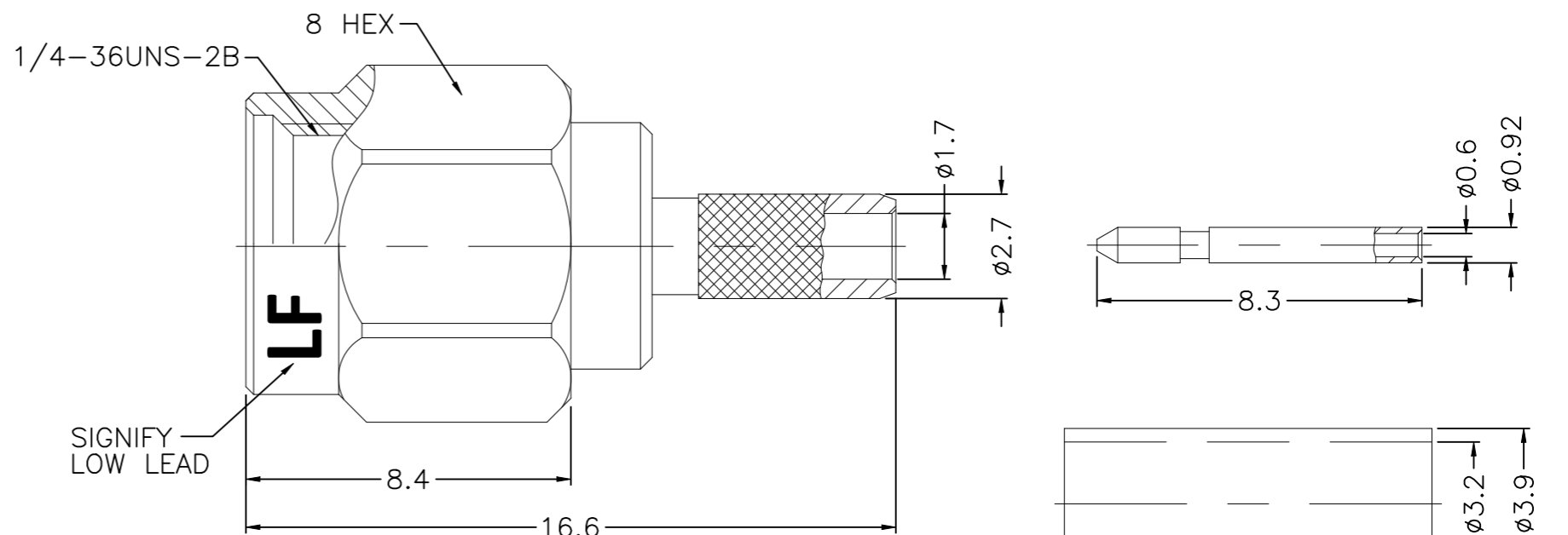
| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|-----------------------|------------------|----------------------------------|
| PART NAME | MATERIAL | PLATING |
| BODY/SHELL | LOW LEAD BRASS | GOLD 3u"/NICKEL 50u"/COPPER 50u" |
| CONTACT PIN | LOW LEAD BRASS | GOLD 3u"/NICKEL 50u"/COPPER 50u" |
| INSULATOR | PTFE ASTM-D-1710 | NATURAL |
| RETAINER RING | LOW LEAD BeCu | NICKEL 100u"/COPPER 50u" |
| GASKET | SILICONE RUBBER | RED |
| FERRULE | COPPER(LOW LEAD) | GOLD 3u"/NICKEL 50u"/COPPER 50u" |
| HEAT SHRINK TUBING | / | BLACK |

| ELECTRICAL CHARACTERISTICS | |
|---------------------------------|------------------------|
| IMPEDANCE | 50 Ω |
| VOLTAGE RATING | 335 V(rms) |
| FREQUENCY RANGE | DC~8 GHz |
| DIELECTRIC WITHSTANDING VOLTAGE | >1000 V |
| CONTACT RESISTANCE | CENTER CONTACT <3.0 mΩ |
| | OUTER CONTACT <2.0 mΩ |
| INSULATION RESISTANCE | >5000 MΩ |
| INSERTION LOSS | 0.4dB MAX |
| VSWR | <1.30 |
| 3RD INTERMODULATION | N/A |

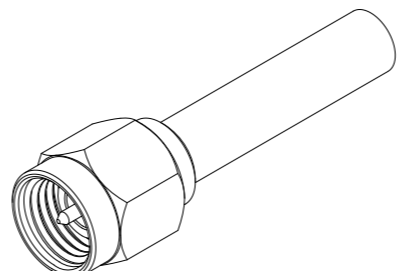
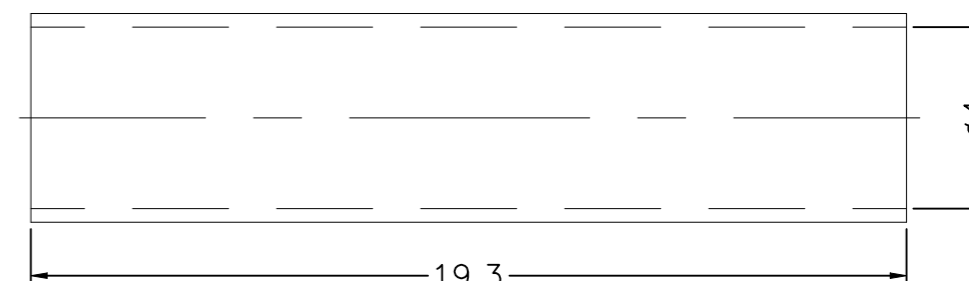
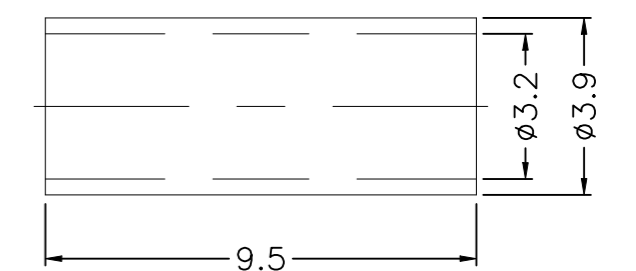
| MECHANICAL CHARACTERISTICS | |
|----------------------------|--------------|
| DURABILITY | > 500 cycles |

| ENVIRONMENTAL PARAMETER | |
|-------------------------|---------------------------------|
| TEMPERATURE RANGE | -65 °C~+165 °C |
| WATERPROOF | / |
| THERMAL SHOCK | MIL- STD 202, Meth. 107,Cond. B |
| VIBRATION | MIL- STD 202, Meth. 204,Cond. D |
| SHOCK | MIL- STD 202, Meth. 213,Cond. I |
| CORROSION | MIL- STD 202, Meth. 101,Cond. B |

NOTES:
 1 BAG PACKAGING;
 2 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED.
 3 CRIMPED FERRULE AND HEX CRIMP SIZE IS .128".



RECOMMENDED CABLE STRIPPING DIM'S



| | |
|---|-------------|
| LOW LEAD VERSION,RoHS (Pb < 100ppm),REACH | 2508872-1 |
| MARK | PART NUMBER |

| | | | | | | |
|--|--|-------------------|--|-----------|------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN ED 16JUN2025 | STE TE Connectivity | | | |
| | | CHK TP 16JUN2025 | | | | |
| | | APVD WH 16JUN2025 | NAME | | | |
| | | PRODUCT SPEC | SMA Plug Str Crimp RG-174, 316 Lead Free | | | |
| | | APPLICATION SPEC | | | | |
| | | WEIGHT | SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
| | | | A3 | 00779 | C-2508872 | |
| | | CUSTOMER DRAWING | SCALE | SHEET | REV | |
| | | | 1:1 | 1 OF 1 | A | |

| DIMENSIONS: | TOLERANCES UNLESS OTHERWISE SPECIFIED: |
|-------------|--|
| mm | |
| 0 PLC | ± 0.3 |
| 1 PLC | ± 0.3 |
| 2 PLC | ± 0.2 |
| 3 PLC | ± 0.1 |
| 4 PLC | ± - |
| ANGLES | ± 5° |
| MATERIAL | FINISH |
| - | - |