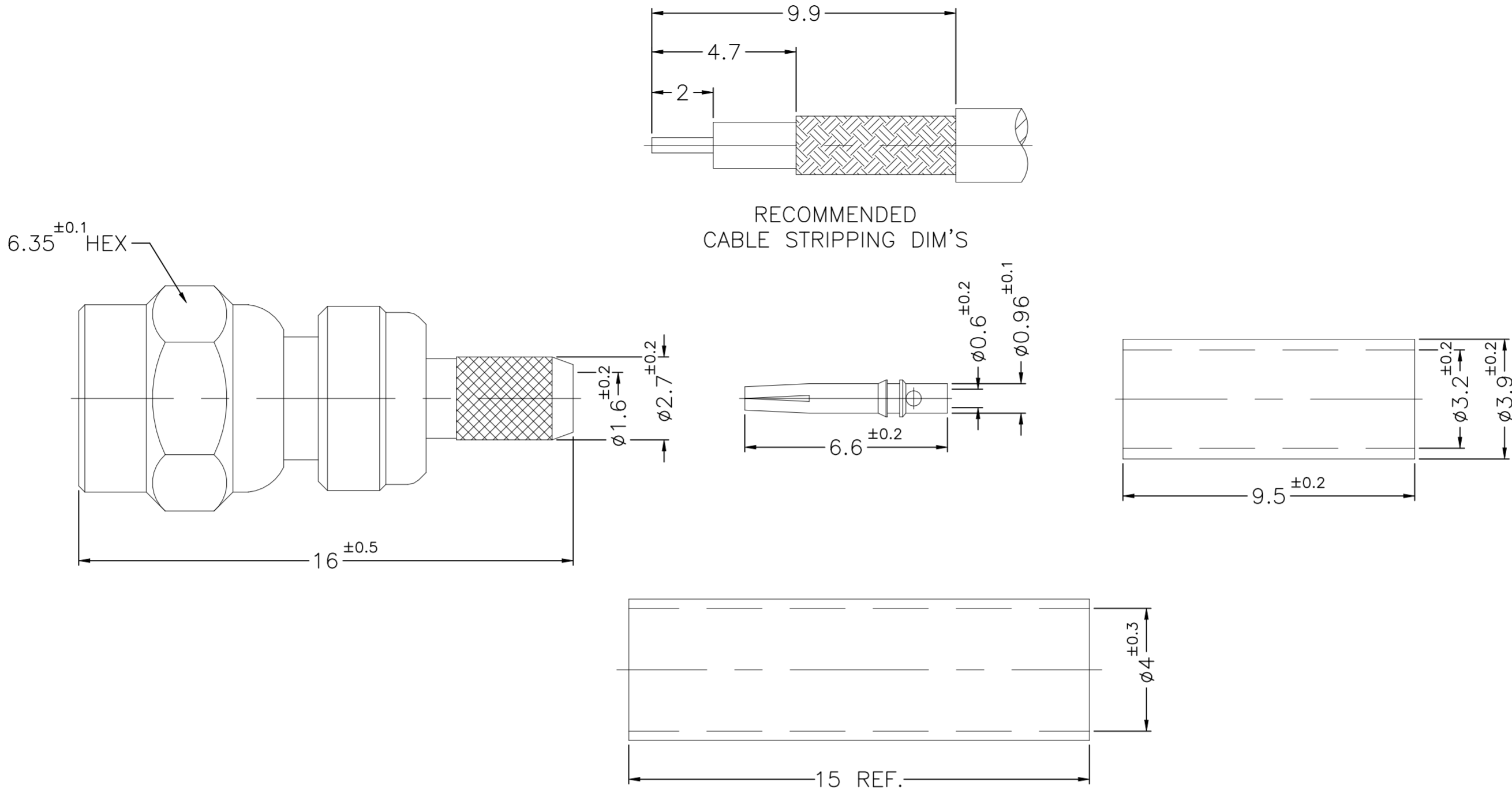














| REVISIONS |     |                     |           |     |      |
|-----------|-----|---------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION         | DATE      | DWN | APVD |
|           | A   | ECN-24-261719 (GTP) | 19APR2024 | SS  | WH   |



1. CRIMPED FERRULE  
HEX CRIMP SIZE .128”  
2. CONTACT PIN TO SOLDER

- FINISH (PLATING THICKNESS IN MICRO-INCHES)
- 1. BRASS
  - 2. GOLD PL. 3 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK
  - 3. BERYLLIUM COPPER
  - 4. GOLD PL. 30 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK
  - 5. PTFE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;  
7. RoHS & REACH: COMPLIANT.

- SPECIFICATIONS:
- 1. IMPEDANCE: 50Ω
  - 2. FREQUENCY: DC to 6 GHz
  - 3. VSWR/RL: 1.2 max./ 20.83dB min.
  - 4. CONTACT RESISTANCE:  
CENTER: 6 milliohms max.  
OUTER: 2.5 milliohms max.
  - 5. TEMPERATURE RANGE: -65°C TO +165°C
  - 6. DURABILITY: 500 cycles min.
  - 7. ENGAGEMENT AND DISENGAGEMENT FORCE:  
ENGAGEMENT: 0.3 N-m. max.  
DISENGAGEMENT: 0.3 N-m. max.

|                   |           |   |   |                    |      |
|-------------------|-----------|---|---|--------------------|------|
|                   | 1         | BLACK   | —   | HEAT SHRINK TUBING | 8    |
|                   | 1         |  |  | FERRULE            | 7    |
|                   | 1         |  |  | CONTACT PIN        | 6    |
|                   | 1         |  |  | BARREL             | 5    |
|                   | 1         | NATURAL   |  | INSULATOR          | 4    |
|                   | 1         | NATURAL   |  | INSULATOR          | 3    |
|                   | 1         |  |  | BODY               | 2    |
|                   | 1         |  |  | SHELL              | 1    |
|                   | 2477171-1 | PLATING   | MATERIAL  | DESCRIPTION        | ITEM |
|                   |           |   |   |                    |      |
| QUANTITY PER ASSY |           | PARTS LIST  |   |                    |      |

|  |  |                                     |   |                    |                         |
|--|--|-------------------------------------|---|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>SIDDHARTH SINGH<br>20MAR2024 | TE Connectivity   |                    |                         |
|  |  | CHK<br>ERIC DAI<br>20MAR2024        |   |                    |                         |
| DIMENSIONS:<br>mm                      |  | APVD<br>WENKE HE<br>20MAR2024       | NAME<br>SMC Plug Str Crimp RG174 188 316 6 Ghz<br>RG-174/U, 188A/U, 316/U |                    |                         |
|  |  | PRODUCT SPEC                        |   |                    |                         |
|  |  | APPLICATION SPEC                    |   |                    |                         |
| MATERIAL                               |  | WEIGHT                              | SIZE<br>A2  | CAGE CODE<br>00779 | DRAWING NO<br>C-2477171 |
|  |  | CUSTOMER DRAWING                    | SCALE<br>1:1  | SHEET<br>1 of 1    | REV<br>A                |

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