

| REVISIONS |     |                       |           |     |      |
|-----------|-----|-----------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION           | DATE      | DWN | APVD |
|           | A   | GTP PER ECN-25-321146 | 13MAY2025 | ED  | WZ   |

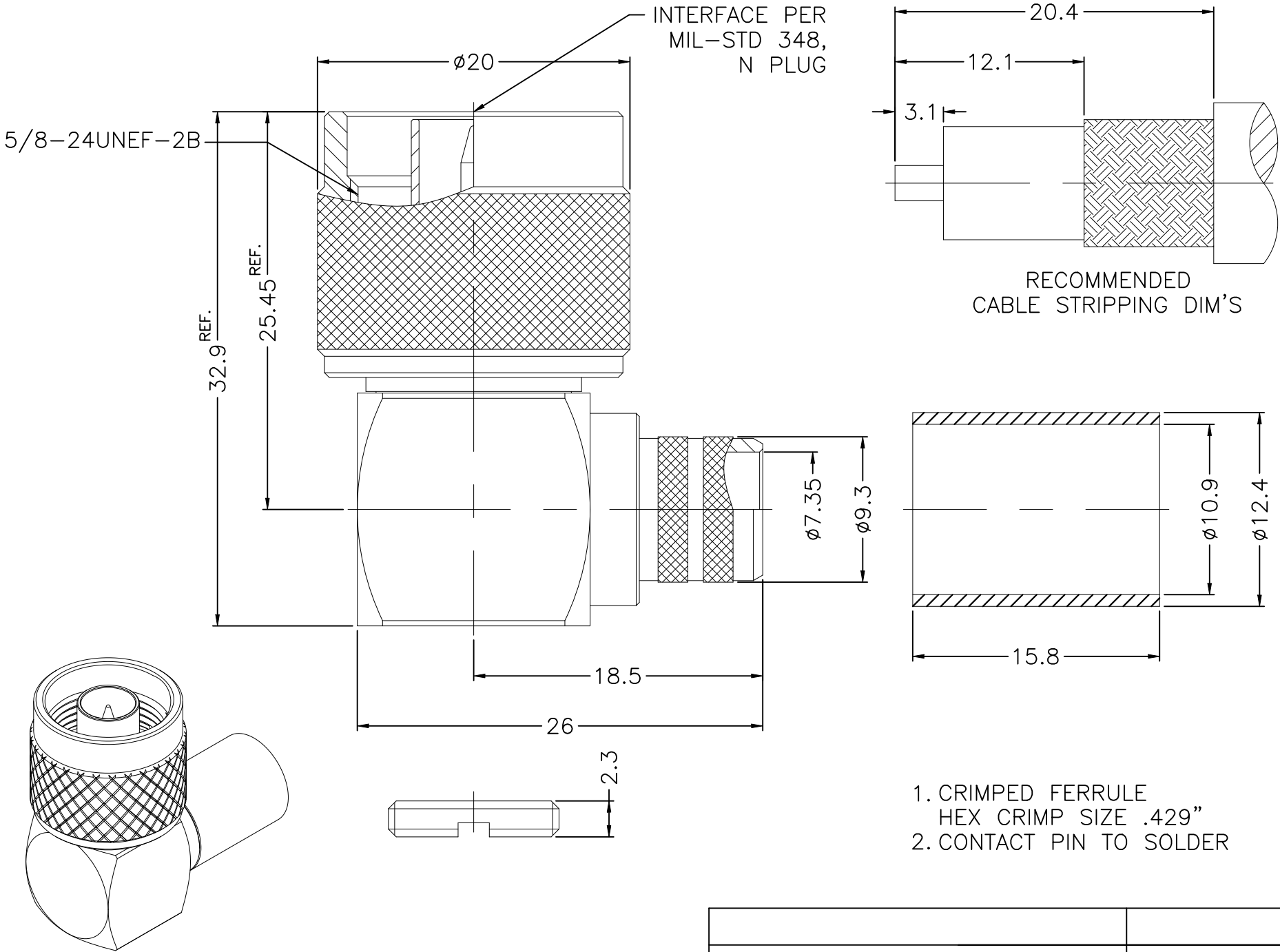
| MATERIALS AND PLATING |               | UNIT: MICRO-INCHES   |
|-----------------------|---------------|----------------------|
| PART NAME             | MATERIAL      | PLATING              |
| BODY/SHELL            | BRASS         | ALBALOY 80u"         |
| CONTACT PIN           | BRASS         | GOLD 5u"/COPPER 50u" |
| INSULATOR             | PTFE          | N/A                  |
| FERRULE               | BRASS         | ALBALOY 80u"         |
| GASKET                | SILICONE(RED) | N/A                  |
| RETAINER RING         | SUS304        | PASSIVATED           |
|                       |               |                      |

| ELECTRICAL CHARACTERISTICS      |                        |
|---------------------------------|------------------------|
| IMPEDANCE                       | 50 Ω                   |
| VOLTAGE RATING                  | 1000 V(rms)            |
| FREQUENCY RANGE                 | DC-6 GHz               |
| DIELECTRIC WITHSTANDING VOLTAGE | >2500 V                |
| CONTACT RESISTANCE              | CENTER CONTACT <1.5 mΩ |
|                                 | OUTER CONTACT <1mΩ     |
| INSULATION RESISTANCE           | >5000 MΩ               |
| INSERTION LOSS                  | N/A                    |
| VSWR                            | <1.35(DC-6GHz)         |
| 3RD INTERMODULATION             | N/A                    |

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

| ENVIRONMENTAL PARAMETER |                                 |
|-------------------------|---------------------------------|
| TEMPERATURE RANGE       | -65 °C~+165 °C                  |
| WATERPROOF              | N/A                             |
| 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 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
  - 2 CONTACT PIN SOLDER WITH CABLE.  
CRIMP DIMENSION FOR FERRULE IS .429" HEX.
  - 3 BAG PACKAGING;
  - 4 RoHS: COMPLIANT.



|      |             |
|------|-------------|
|      |             |
| -    | 2504636-1   |
| MARK | PART NUMBER |

|                                        |  |                                        |                             |                 |                      |
|----------------------------------------|--|----------------------------------------|-----------------------------|-----------------|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN ED 18MAR2025                       | TE Connectivity             |                 |                      |
|                                        |  | CHK TP 18MAR2025                       |                             |                 |                      |
|                                        |  | APVD WH 18MAR2025                      | NAME N Plug RA Crimp RG-213 |                 |                      |
| DIMENSIONS: mm                         |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |                             |                 |                      |
|                                        |  | 0 PLC ± 0.3                            |                             |                 |                      |
|                                        |  | 1 PLC ± 0.3                            |                             |                 |                      |
|                                        |  | 2 PLC ± 0.2                            |                             |                 |                      |
|                                        |  | 3 PLC ± 0.1                            |                             |                 |                      |
|                                        |  | 4 PLC ± -                              |                             |                 |                      |
|                                        |  | ANGLES ± 5°                            |                             |                 |                      |
| MATERIAL -                             |  | FINISH -                               |                             |                 |                      |
|                                        |  | WEIGHT 0                               | SIZE A3                     | CAGE CODE 00779 | DRAWING NO C-2504636 |
|                                        |  | CUSTOMER DRAWING                       |                             | SCALE 1:1       | SHEET 1 OF 1         |
|                                        |  |                                        |                             | REV A           |                      |