

# TECHNICAL DATA

| REV  | DESCRIPTION OF REVISION | ECN No. | BY     | DATE      | APPROVED |
|------|-------------------------|---------|--------|-----------|----------|
| Rv01 | N/A                     | N/A     | J.Wang | 2013/5/19 | Karl Pan |

## Electrical data

|                       |           |
|-----------------------|-----------|
| Impedance             | 50Ω       |
| Frequency range       | 0~6GHz    |
| Withstand Voltage     | 2500V rms |
| Working Voltage       | 1500V     |
| VSWR                  | ≤ 1.2     |
| Contact resistance    |           |
| -center contact       | ≤1mΩ      |
| -outer contact        | ≤1mΩ      |
| Insulation resistance | ≥5000MΩ   |

## Mechanical data

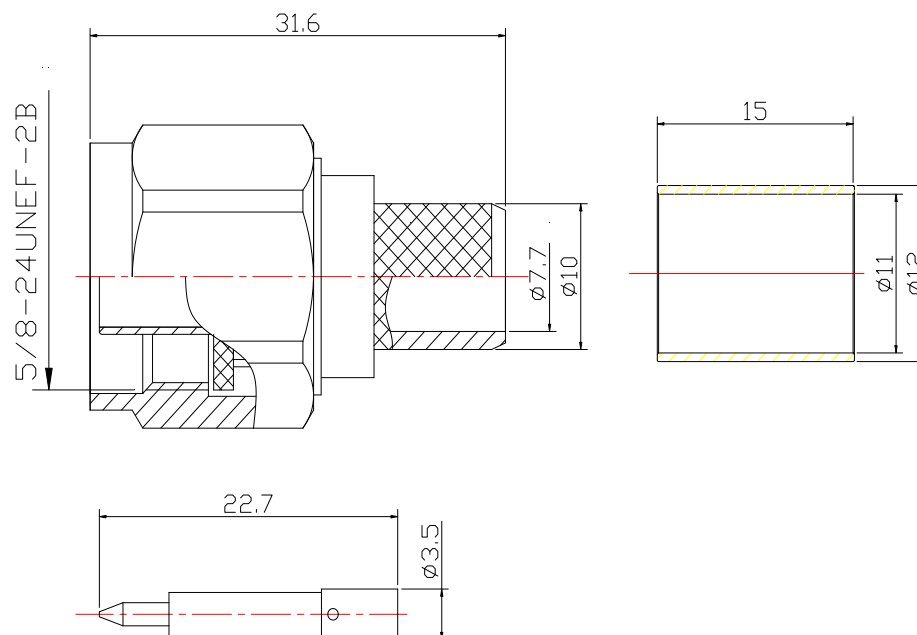
|                     |              |
|---------------------|--------------|
| Temperature range   | -55°C~+155°C |
| Durability(matings) | >500         |

## Material data

| Piece Part       | Base Material | Plating          |
|------------------|---------------|------------------|
| Body             | Brass         | Tri-Metal plated |
| Center conductor | Brass         | Gold plated      |
| Crimping suite   | Copper alloy  | Nickel plated    |
| Insulator        | PTFE          |                  |
| O-ring sealing   | 6146 silastic |                  |

## Interface Standards

IEC 60169-16 /MIL-C-39012/CECC22210



N male

## NOTES:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITH NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

|                  |                                                                                                                     |               |               |           |
|------------------|---------------------------------------------------------------------------------------------------------------------|---------------|---------------|-----------|
| Part Name:       |                                |               |               |           |
| N male for RG213 |                                                                                                                     |               |               |           |
|                  |  DIMENSIONS IN MILLIMETERS(mm) |               |               |           |
| WT23D3.640.1501  | SIZE:<br>A4                                                                                                         | SCALE:<br>4:1 | SHEET:<br>1/1 | REV:<br>A |