



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 5000 MΩ               |
| Operating Frequency             | DC-26.5GHz            |
| Dielectric Withstanding Voltage | 1000V                 |
| VSWR                            | ≤1.15(max)            |
| Insertion Loss                  | 0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | - 55~+165°C           |

### Material & Coat-Plating

|                 |                          |
|-----------------|--------------------------|
| Inner Conductor | Beryllium bronze gilding |
| Dielectric      | PEI                      |
| Body            | Passivation of stainless |

|                                       |  |                  |   |                    |            |            |              |       |
|---------------------------------------|--|------------------|---|--------------------|------------|------------|--------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |  | DWN              | <b>LUFTTEK</b>  |                    |            |            |              |       |
|                                       |  | CHK              |   |                    |            |            |              |       |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±<br>ANGLES ±1° | APVD             | Product Model   |                    |            |            |              |       |
|                                       |  | PRODUCT SPEC     | LT-NMD3.5F-2.92F<br>NMD 3.5 Female 2.92 Female<br>Connector |                    |            |            |              |       |
|                                       |  | APPLICATION SPEC | SIZE<br>A4  | GAGE CODE<br>OT8L4 | DRAWING NO |            |              |       |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE  | WEIGHT           | CUSTOMER DRAWING  |                    | SCALE 4: 1 | SCALE 4: 1 | SHEET 1 OF 1 | RVE 1 |