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|-------------------------|--------------------------------------------|--------------------------------|
| B                       | Electrical & Environmental Characteristics |                                |
|                         | Impedance                                  | 50 Ω                           |
|                         | Insulation Resistance                      | 5000 MΩ                        |
|                         | Operating Frequency                        | DC~18GHz                       |
|                         | Dielectric Withstanding Voltage            | 2500V                          |
|                         | VSWR                                       | ≤1.15                          |
|                         | Insertion Loss                             | ≤0.05* $\sqrt{f_{\text{GHz}}}$ |
|                         | Operating Temperature                      | - 55~+165 °C                   |
| Material & Coat-Plating |                                            |                                |
| A                       | Inner Conductor                            | Beryllium Copper, Gold         |
|                         | Dielectric                                 | PTFE                           |
|                         | Body                                       | Stainless Steel,Passivated     |

|                                       |                                       |                  |                                                             |             |             |              |   |
|---------------------------------------|---------------------------------------|------------------|-------------------------------------------------------------|-------------|-------------|--------------|---|
| No.                                   | Model                                 | D1(Diameter1)    | D2(Diameter2)                                               | L1(Length1) | L2(Length2) | T(Thickness) | B |
| 1                                     | N-JFD090713                           | 4.1 [0.161]      | 1.27 [0.05]                                                 | 4 [0.157]   | 1.5 [0.059] | 0.2 [0.008]  |   |
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                       | DWN              | Turpanic Co, Ltd ,Inc                                       |             |             |              |   |
|                                       |                                       | CHK              |                                                             |             |             |              |   |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED | APVD             | Product Model<br><br>N-JFD090713<br>N male Flange Connector |             |             |              |   |
|                                       | 0 PLC ±0.25                           | PRODUCT SPEC     |                                                             |             |             |              |   |
|                                       | 1 PLC ±0.15                           |                  |                                                             |             |             |              |   |
|                                       | 2 PLC ±0.12                           |                  |                                                             |             |             |              |   |
|                                       | 3 PLC ±-                              |                  | GAGE CODE<br>OT8L4                                          |             |             |              |   |
|                                       | 3 PLC ±-                              | APPLICATION SPEC |                                                             |             |             |              |   |
|                                       | ANGLES ±1°                            |                  |                                                             |             |             |              |   |
|                                       |                                       |                  |                                                             |             |             |              |   |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                   | WEIGHT           | SIZE<br>A4                                                  | DRAWING NO  |             |              | A |
| CUSTOMER DRAWING                      |                                       |                  |                                                             | SHEET1 OF 1 |             | RVE 1        |   |