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| Electrical & Environmental Characteristics |                                |
|--|--------------------------------|
| Impedance                                  | 50 Ohm                         |
| Insulation Resistance                      | 5000 MΩ                        |
| Operating Frequency                        | DC-50GHz                       |
| Dielectric Withstanding Voltage            | 1000V                          |
| VSWR                                       | ≤1.25                          |
| Insertion Loss                             | ≤0.06* $\sqrt{f\_GHz}$         |
| Operating Temperature                      | - 55~+165℃                     |
| Material & Coat-Plating                    |                                |
| Inner Conductor                            | Beryllium bronze passivation   |
| Dielectric                                 | PEI                            |
|  | Passivation of stainless steel |

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|                                       |  |                          |   |   |
|---------------------------------------|--|--------------------------|---|---|
| THIS DRAWING IS A CONTROLLED DOCUMENT |  | DWN<br>CHK               | Turpanic Co, Ltd ,Inc                             |   |
| 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<br><br>PRODUCT SPEC | Product Model                                     |   |
|                                       |  |                          | NMD2.4F2.4F<br>NMD2.4 Female 2.4 Female Connector |   |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE  | WEIGHT                   | SIZE<br>A4  | GAGE CODE<br>OT8L4                      |
|                                       |  |                          |   | DRAWING NO                              |
|                                       |  | CUSTOMER DRAWING         |   | SCALE 4: 1 SCALE 4: 1 SHEET1 OF 1 RVE 1 |