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| Electrical & Environmental Characteristics |                            |
|--|----------------------------|
| Impedance                                  | 50 Ω                       |
| Insulation Resistance                      | 5000 MΩ                    |
| Operating Frequency                        | DC~50GHz                   |
| Dielectric Withstanding Voltage            | 1000V                      |
| VSWR                                       | ≤1.15                      |
| Insertion Loss                             | ≤0.05* $\sqrt{f\_GHz}$     |
| Operating Temperature                      | - 55~+165 °C               |
| Material & Coat-Plating                    |                            |
| Inner Conductor                            | Beryllium Copper, Gold     |
| Dielectric                                 | PEI 1000                   |
| Body                                       | Stainless Steel,Passivated |

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| No. | Model        | D1(Diameter1) | D2(Diameter2) | L1(Length1)  | L2(Length2)  |
|-----|--------------|---------------|---------------|--------------|--------------|
| 1   | 2.4-KFD60504 | 1.67 [0.066]  | 0.30 [0.012]  | 1.4 [0.055]  | 1.5 [0.059]  |
| 2   | 2.4-KFD60505 | 1.67 [0.066]  | 0.30 [0.012]  | 3 [0.118]    | 1.5 [0.059]  |
| 3   | 2.4-KFD60506 | 2.00 [0.079]  | 0.60 [0.024]  | 6.35 [0.250] | 1.27 [0.050] |
| 4   | 2.4-KFD60512 | 2.00 [0.079]  | 0.60 [0.024]  | 5.1 [0.200]  | 1.9 [0.075]  |
| 5   | 2.4-KFD60535 | 2.00 [0.079]  | 0.60 [0.024]  | 3.5 [0.138]  | 3.4 [0.134]  |
| 6   | 2.4-KFD60540 | 2.00 [0.079]  | 0.60 [0.024]  | 4 [0.157]    | 2.9 [0.114]  |

|                                       |   |              |  |                    |
|---------------------------------------|---|--------------|--|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |   | DWN          | Turpanic Co, Ltd ,Inc  |                    |
|                                       |   | CHK          |  |                    |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED   | APVD         | Product Model<br><br><b>2.4-KFD60540</b><br><b>2.4mm Female Flange Connector</b> |                    |
|                                       | 0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±<br>ANGLES ±1° | PRODUCT SPEC |  |                    |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE   | WEIGHT       | SIZE<br>A4   | GAGE CODE<br>OT8L4 |
| CUSTOMER DRAWING                      |   |              | DRAWING NO   |                    |
|                                       |   |              | SHEET1 OF 1  |                    |
|                                       |   |              | RVE 1  |                    |