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|-------------------------------------------------------|------------------------|
| <b>Electrical &amp; Environmental Characteristics</b> |                        |
| 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℃             |
| <b>Material &amp; Coat-Plating</b>                    |                        |
| Inner Conductor                                       | Beryllium Copper, Gold |
| Dielectric                                            | PEI 1000               |

|                                       |                                                                                                                          |                  |                                                                                  |                    |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------|--------------------|
|                                       |                                                                                                                          | No.              | Model                                                                            | Pin Size $\phi d$  |
|                                       |                                                                                                                          | 1                | 2.4-KFD81309                                                                     | 0.23 [0.009]       |
|                                       |                                                                                                                          | 2                | 2.4-KFD81312                                                                     | 0.30 [0.012]       |
|                                       |                                                                                                                          | 3                | 2.4-KFD81315                                                                     | 0.38 [0.015]       |
|                                       |                                                                                                                          | 4                | 2.4-KFD81320                                                                     | 0.51 [0.020]       |
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                          | DWN              | Turpanic Co, Ltd ,Inc                                                            |                    |
|                                       |                                                                                                                          | 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<br><br><b>2.4-KFD81312</b><br><b>2.4mm Female Flange Connector</b> |                    |
|                                       |                                                                                                                          | PRODUCT SPEC     |                                                                                  |                    |
|                                       |                                                                                                                          | APPLICATION SPEC |                                                                                  |                    |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE                                                                                                      | WEIGHT           | SIZE<br>A4                                                                       | GAGE CODE<br>0T8L4 |
|                                       |                                                                                                                          |                  |                                                                                  | DRAWING NO         |