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| Electrical & Environmental Characteristics |                            |
|--------------------------------------------|----------------------------|
| Impedance                                  | 50 Ω                       |
| Insulation Resistance                      | 5000 MΩ                    |
| Operating Frequency                        | DC~40GHz                   |
| 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   | 2.92-KFD501050 | 4.0 [0.157]   | 0.20 [0.008]  | 3 [0.118]    | 1.5 [0.059]  |
| 2   | 2.92-KFD70104  | 4.0 [0.157]   | 0.30 [0.012]  | 1.4 [0.055]  | 1.5 [0.059]  |
| 3   | 2.92-KFD70105  | 4.0 [0.157]   | 0.30 [0.012]  | 3 [0.118]    | 1.5 [0.059]  |
| 4   | 2.92-KFD701190 | 4.0 [0.157]   | 0.30 [0.012]  | 3 [0.118]    | 5 [0.197]    |
| 5   | 2.92-KFD701250 | 4.0 [0.157]   | 0.30 [0.012]  | 3.2 [0.126]  | 1.5 [0.059]  |
| 6   | 2.92-KFD701031 | 4.0 [0.157]   | 0.30 [0.012]  | 4 [0.157]    | 1 [0.039]    |
| 7   | 2.92-KFD701110 | 4.0 [0.157]   | 0.30 [0.012]  | 10.1 [0.398] | 0.5 [0.020]  |
| 8   | 2.92-KFD701020 | 4.0 [0.157]   | 0.38 [0.015]  | 3 [0.118]    | 2 [0.079]    |
| 9   | 2.92-KFD701150 | 4.0 [0.157]   | 0.60 [0.024]  | 4 [0.157]    | 1.27 [0.050] |
| 10  | 2.92-KFD70111  | 4.0 [0.157]   | 0.60 [0.024]  | 10.1 [0.398] | 1.27 [0.050] |

|                                       |                                                                               |                    |                                                                                      |                    |
|---------------------------------------|-------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                               | DWN                | Turpanic Co, Ltd ,Inc                                                                |                    |
|                                       |                                                                               | CHK                |                                                                                      |                    |
| Unit<br>mm                            | TOLERANCES<br>UNLESS<br>OTHERWISE<br>SPECIFIED                                | APVD               | Product Model<br><br><b>2.92-KFD7012503</b><br><b>2.92mm 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<br>SPEC    |                                                                                      |                    |
|                                       |                                                                               | APPLICATON<br>SPEC |                                                                                      |                    |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                                                           | WEIGHT             | SIZE<br>A4                                                                           | GAGE CODE<br>OT8L4 |
|                                       |                                                                               |                    | DRAWING NO                                                                           |                    |
|                                       |                                                                               | CUSTOMER DRAWING   | SHEET1 OF 1                                                                          |                    |
|                                       |                                                                               |                    | RVE 1                                                                                |                    |

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