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| B 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                      |                        |
| A Inner Conductor                            | Beryllium Copper, Gold |
| Dielectric                                   | PEI 1000               |

| No. | Model         | Pin Size Ød  |
|-----|---------------|--------------|
| 1   | 2.92-KFD80109 | 0.23 [0.009] |
| 2   | 2.92-KFD80112 | 0.30 [0.012] |
| 3   | 2.92-KFD80115 | 0.38 [0.015] |
| 4   | 2.92-KFD80118 | 0.46 [0.018] |
| 5   | 2.92-KFD80120 | 0.51 [0.020] |

|                                       |   |              |  |            |
|---------------------------------------|---|--------------|--|------------|
| 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>2.92-KFD80118</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 SPEC |  |            |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE   | WEIGHT       | APPLICATO<br>N SPEC  | SIZE<br>A4 |
|                                       |   |              | GAGE CODE<br>0T8L4   | DRAWING NO |