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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-KFD60604                         | 1.67 [0.066]    | 0.30 [0.012]                                                                         | 1.4 [0.055]     | 1.5 [0.059] |
| 2                                     | 2.92-KFD60605                         | 1.67 [0.066]    | 0.30 [0.012]                                                                         | 3 [0.118]       | 1.5 [0.059] |
| 3                                     | 2.92-KFD606058                        | 1.67 [0.066]    | 0.30 [0.012]                                                                         | 3 [0.118]       | 4.5 [0.177] |
| 4                                     | 2.92-KFD6061625                       | 1.80 [0.071]    | 0.55 [0.022]                                                                         | 6.3 [0.248]     | 11.9[0.468] |
| 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-KFD6061625</b><br><b>2.92mm Female Flange Connector</b> |                 |             |
|                                       | 0 PLC ±0.25                           | PRODUCT SPEC    |                                                                                      |                 |             |
|                                       | 1 PLC ±0.15                           |                 |                                                                                      |                 |             |
|                                       | 2 PLC ±0.12                           |                 |                                                                                      |                 |             |
|                                       | 3 PLC ±                               | APPLICATON SPEC |                                                                                      |                 |             |
|                                       |                                       | ANGLES ±1°      | SIZE A4                                                                              | GAGE CODE OT8L4 | DRAWING NO  |
| MATEIAL SEE TABLE                     | FINISH SEE TABLE                      | WEIGHT          | CUSTOMER DRAWING                                                                     |                 |             |
|                                       |                                       |                 | SHEET1 OF 1 RVE 1                                                                    |                 |             |