

C

C

|                                                       |                                   |
|-------------------------------------------------------|-----------------------------------|
| <b>Electrical &amp; Environmental Characteristics</b> |                                   |
| Impedance                                             | 50 $\Omega$                       |
| Insulation Resistance                                 | 5000 M $\Omega$                   |
| Operating Frequency                                   | DC~40GHz                          |
| Dielectric Withstanding Voltage                       | 1000V                             |
| VSWR                                                  | $\leq 1.15$                       |
| Insertion Loss                                        | $\leq 0.05 * \text{Sqrt}(f\_GHz)$ |
| Operating Temperature                                 | - 55~+165 $^{\circ}\text{C}$      |
| <b>Material &amp; Coat-Plating</b>                    |                                   |
| Inner Conductor                                       | Beryllium Copper, Gold            |
| Dielectric                                            | PEI 1000                          |

A

|                                       |                                       |                  |                                                 |
|---------------------------------------|---------------------------------------|------------------|-------------------------------------------------|
| No.                                   |                                       | Model            | Pin Size $\phi d$                               |
| 1                                     |                                       | 2.92-KFD80309    | 0.23 [0.009]                                    |
| 2                                     |                                       | 2.92-KFD80312    | 0.30 [0.012]                                    |
| 3                                     |                                       | 2.92-KFD80315    | 0.38 [0.015]                                    |
| 4                                     |                                       | 2.92-KFD80318    | 0.46 [0.018]                                    |
| 5                                     |                                       | 2.92-KFD80320    | 0.51 [0.020]                                    |
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                       | DWN              | Turpanic Co, Ltd ,Inc                           |
|                                       |                                       | CHK              |                                                 |
| Unit mm                               | TOLERANCES UNLESS OTHERWISE SPECIFIED | APVD             | Product Model                                   |
|                                       | 0 PLC $\pm 0.25$                      |                  |                                                 |
|                                       | 1 PLC $\pm 0.15$                      | PRODUCT SPEC     | 2.92-KFD80315<br>2.92mm Female Flange Connector |
|                                       | 2 PLC $\pm 0.12$                      |                  |                                                 |
|                                       | 3 PLC $\pm$                           |                  |                                                 |
|                                       | 3 PLC $\pm$                           | APPLICATION SPEC |                                                 |
|                                       | ANGLES $\pm 1^{\circ}$                |                  |                                                 |
| MATERIAL SEE TABLE                    | FINISH SEE TABLE                      | WEIGHT           | SIZE A4                                         |
|                                       |                                       |                  | GAGE CODE 0T8L4                                 |
|                                       |                                       |                  | DRAWING NO                                      |

A