



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 3000 M $\Omega$       |
| Operating Frequency             | 40GHz                 |
| Dielectric Withstanding Voltage | 750 V                 |
| VSWR                            | 1.15                  |
| Insertion Loss                  | 0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | -55~+165 $^{\circ}C$  |

### Material & Coat-Plating

|                 |                             |
|-----------------|-----------------------------|
| Inner Conductor | Beryllium Copper, Gold      |
| Dielectric      | PEI                         |
| Body            | Stainless Steel, Passivated |
| Coupling Nut    | N/A                         |

|                                       |   |                  |   |                    |            |
|---------------------------------------|---|------------------|---|--------------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |   | DWN              | Turpanic Co, Ltd ,Inc   |                    |            |
|                                       |   | CHK              |   |                    |            |
| Unit<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC $\pm 0.25$<br>1 PLC $\pm 0.15$<br>2 PLC $\pm 0.12$<br>3 PLC $\pm$<br>3 PLC $\pm$<br>ANGLES $\pm 1^{\circ}$ | APVD             | Product Mode<br><b>2.92-KFD50130</b><br><b>2.92 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 |
|                                       |   | CUSTOMER DRAWING | SCALE 4: SCALE 4: 1   | SHEET1 OF 1        | RVE 1      |