



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 5000 M $\Omega$       |
| Operating Frequency             | 26.5GHz               |
| Dielectric Withstanding Voltage | 1000 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      | PTFE                        |
| Body            | Stainless Steel, Passivated |
| Coupling Nut    | N/A                         |

|                                       |                                                                                                                                                           |                  |                             |                 |            |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------|-----------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                                                           | DWN              | Turpanic Co, Ltd ,Inc       |                 |            |
|                                       |                                                                                                                                                           | CHK              |                             |                 |            |
| Unit 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                |                 |            |
|                                       |                                                                                                                                                           | PRODUCT SPEC     | SMA-KFD70202                |                 |            |
|                                       |                                                                                                                                                           | APPLICATION SPEC | SMA Female Flange Connector |                 |            |
|                                       |                                                                                                                                                           |                  | SIZE A4                     | GAGE CODE OT8L4 | DRAWING NO |
| MATERIAL SEE TABLE                    | FINISH SEE TABLE                                                                                                                                          | WEIGHT           | CUSTOMER DRAWING            |                 |            |
|                                       |                                                                                                                                                           |                  | SCALE 4: SCALE 4: 1         | SHEET1 OF 1     | RVE 1      |