



### Electrical & Environmental Characteristics

|                                 |                       |
|---------------------------------|-----------------------|
| Impedance                       | 50 Ohm                |
| Insulation Resistance           | 5000 MΩ               |
| Operating Frequency             | 26.5GHz               |
| Dielectric Withstanding Voltage | 1000 V                |
| VSWR                            | 1.15                  |
| Insertion Loss                  | 0.05* $\sqrt{f\_GHz}$ |
| Operating Temperature           | -55~+165°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<br>mm                            | TOLERANCES UNLESS OTHERWISE SPECIFIED<br>0 PLC ±0.25<br>1 PLC ±0.15<br>2 PLC ±0.12<br>3 PLC ±<br>3 PLC ±<br>ANGLES ±1° | APVD             | Product Mode                                  |                     |                   |
|                                       |  | PRODUCT SPEC     | SMA-KFD5063401<br>SMA Female Flange Connector |                     |                   |
|                                       |  | 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 |