

C

C

B

| Electrical & Environmental Characteristics |                                |
|--------------------------------------------|--------------------------------|
| Impedance                                  | 50 Ω                           |
| Insulation Resistance                      | 5000 MΩ                        |
| Operating Frequency                        | DC~26.5GHz                     |
| Dielectric Withstanding Voltage            | 1000V                          |
| VSWR                                       | ≤1.15                          |
| Insertion Loss                             | ≤0.05* $\sqrt{f_{\text{GHz}}}$ |
| Operating Temperature                      | - 55~+165℃                     |
| Material & Coat-Plating                    |                                |
| Inner Conductor                            | Beryllium Copper, Gold         |
| Dielectric                                 | PTFE                           |
| Body                                       | Stainless Steel, Passivated    |

A

| No. | Model        | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2)  |
|-----|--------------|---------------|---------------|-------------|--------------|
| 1   | SMA-KFD60501 | 2.2 [0.087]   | 0.30 [0.012]  | 3.2 [0.126] | 1.27 [0.050] |
| 2   | SMA-KFD60502 | 3.9 [0.154]   | 0.64 [0.025]  | 15 [0.590]  | 3 [0.118]    |
| 3   | SMA-KFD60503 | 2.1 [0.083]   | 0.64 [0.025]  | 15 [0.590]  | 3 [0.118]    |
| 4   | SMA-KFD60542 | 2.2 [0.087]   | 0.30 [0.012]  | 4.3 [0.169] | 1.3 [0.051]  |
| 5   | SMA-KFD60506 | 2.2 [0.087]   | 0.30 [0.012]  | 3 [0.118]   | 1.27 [0.050] |
| 6   | SMA-KFD60539 | 2.1 [0.083]   | 0.64 [0.025]  | 10 [0.394]  | 3 [0.118]    |
| 7   | SMA-KFD60508 | 2.1 [0.083]   | 0.64 [0.025]  | 6.5 [0.256] | 3 [0.118]    |
| 8   | SMA-KFD60500 | 2.1 [0.083]   | 0.64 [0.025]  | 8.1 [0.319] | -            |

B

|                                       |                                                                                                                                   |                  |                                                                                |                    |                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------|--------------------|-----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                                   | DWN              | Turpanic Co, Ltd ,Inc                                                          |                    |                       |
|                                       |                                                                                                                                   | CHK              |                                                                                |                    |                       |
| Unit<br>mm                            | TOLERANCES<br>UNLESS<br>OTHERWISE<br>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 Model<br><br><b>SMA-KFD60542</b><br><b>SMA Female Flange Connector</b> |                    |                       |
|                                       |                                                                                                                                   | PRODUCT SPEC     |                                                                                |                    |                       |
|                                       |                                                                                                                                   | APPLICATION SPEC |                                                                                |                    |                       |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE                                                                                                               | WEIGHT           | SIZE<br>A4                                                                     | GAGE CODE<br>OT8L4 | DRAWING NO            |
|                                       |                                                                                                                                   | CUSTOMER DRAWING |                                                                                |                    | SHEET 1 OF 1<br>RVE 1 |

A