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B

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* $\sqrt{f\_GHz}$      |
| Operating Temperature                      | - 55~+165℃                  |
| Material & Coat-Plating                    |                             |
| Inner Conductor                            | Beryllium Copper, Gold      |
| Dielectric                                 | PTFE                        |
| Body                                       | Stainless Steel, Passivated |

A

A

| No. | Model            | D(Diameter)  | L(Length)    | T(Thickness) |
|-----|------------------|--------------|--------------|--------------|
| 1   | SMA-KFD40214     | 1.27 [0.050] | 1.27 [0.050] | 0.15 [0.006] |
| 2   | SMA-KFD40214-098 | 1.27 [0.025] | 2.50 [0.098] | 0.13 [0.005] |
| 3   |                  |              |              |              |
| 4   |                  |              |              |              |

|                                       |                                                                                                                                   |                  |                                                                                |                 |            |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------|-----------------|------------|
| 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-KFD40214</b><br><b>SMA Female Flange Connector</b> |                 |            |
|                                       |                                                                                                                                   | PRODUCT SPEC     |                                                                                |                 |            |
|                                       |                                                                                                                                   | APPLICATION SPEC |                                                                                |                 |            |
|                                       |                                                                                                                                   | WEIGHT           | SIZE A4                                                                        | GAGE CODE 0T8L4 | DRAWING NO |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE                                                                                                               | CUSTOMER DRAWING |                                                                                | SHEET1 OF 1     | RVE 1      |