



|                                    |                                                       |                        |
|------------------------------------|-------------------------------------------------------|------------------------|
| B                                  | <b>Electrical &amp; Environmental Characteristics</b> |                        |
|                                    | 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℃             |
| <b>Material &amp; Coat-Plating</b> |                                                       |                        |
| A                                  | Inner Conductor                                       | Beryllium Copper, Gold |
|                                    | Dielectric                                            | PTFE                   |

|                                       |                                                                                                                          |  |                    |                                                                |              |   |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--|--------------------|----------------------------------------------------------------|--------------|---|
|                                       |                                                                                                                          |  | No.                | Model                                                          | Pin Size Ød  | B |
|                                       |                                                                                                                          |  | 1                  | SMA-JFD80709                                                   | 0.23 [0.009] |   |
|                                       |                                                                                                                          |  | 2                  | SMA-JFD80712                                                   | 0.30 [0.012] |   |
|                                       |                                                                                                                          |  | 3                  | SMA-JFD80715                                                   | 0.38 [0.015] |   |
|                                       |                                                                                                                          |  | 4                  | SMA-JFD80718                                                   | 0.46 [0.018] |   |
|                                       |                                                                                                                          |  | 5                  | SMA-JFD80720                                                   | 0.51 [0.020] |   |
| 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 Model<br><br>SMA-JFD80712<br>SMA male Flange Connector |              |   |
|                                       |                                                                                                                          |  | PRODUCT SPEC       |                                                                |              |   |
|                                       |                                                                                                                          |  | APPLICATION SPEC   |                                                                |              |   |
|                                       |                                                                                                                          |  | SIZE A4            |                                                                |              |   |
|                                       |                                                                                                                          |  | MATERIAL SEE TABLE | FINISH SEE TABLE                                               | WEIGHT       |   |
|                                       |                                                                                                                          |  | CUSTOMER DRAWING   |                                                                |              |   |