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| 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 |

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| No. | Model          | D1(Diameter1) | D2(Diameter2) | L1(Length1)  | L2(Length2)   |
|-----|----------------|---------------|---------------|--------------|---------------|
| 1   | SMA-KFD6051923 | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 2 [0.079]     |
| 2   | SMA-KFD6051984 | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 24 [0.945]    |
| 3   | SMA-KFD6051726 | 4.1 [0.161]   | 1.27 [0.050]  | 3.17 [0.125] | 1.57 [0.062]  |
| 4   | SMA-KFD6051273 | 4.1 [0.161]   | 1.27 [0.050]  | 4 [0.157]    | 3 [0.118]     |
| 5   | SMA-KFD6051612 | 4.1 [0.161]   | 1.27 [0.050]  | 15 [0.590]   | 3 [0.118]     |
| 6   | SMA-KFD6051994 | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 27.1 [1.067]  |
| 7   | SMA-KFD6050862 | 4.1 [0.161]   | 1.27 [0.050]  | 3.17 [0.125] | 25.83 [1.017] |
| 8   | SMA-KFD6051512 | 4.1 [0.161]   | 0.80 [0.031]  | 5 [0.197]    | 2 [0.079]     |

|                                       |                                                                                                                                   |                  |                                                                                         |                    |            |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------|--------------------|------------|
| 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             | <b>Product Model</b><br><br><b>SMA-KFD6051612</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>0T8L4 | DRAWING NO |
|                                       |                                                                                                                                   | CUSTOMER DRAWING |                                                                                         | SHEET1 OF 1        | RVE 1      |

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