



| Electrical & Environmental Characteristics |                                   |
|--|-----------------------------------|
| Impedance                                  | 50 $\Omega$                       |
| Insulation Resistance                      | 5000 M $\Omega$                   |
| Operating Frequency                        | DC~26.5GHz                        |
| Dielectric Withstanding Voltage            | 1000V                             |
| VSWR                                       | $\leq 1.15$                       |
| Insertion Loss                             | $\leq 0.05 * \text{Sqrt}(f\_GHz)$ |
| Operating Temperature                      | - 55~+165 $^{\circ}C$             |
| Material & Coat-Plating                    |                                   |
| Inner Conductor                            | Beryllium Copper, Gold            |
| Dielectric                                 | PTFE                              |
| Body                                       | Stainless Steel, Passivated       |

| No. | Model               | D1(Diameter1) | D2(Diameter2) | L1(Length1)  | L2(Length2)   |
|-----|---------------------|---------------|---------------|--------------|---------------|
| 1   | SMA-KFD6041923      | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 2 [0.079]     |
| 2   | SMA-KFD6041984      | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 24 [0.945]    |
| 3   | SMA-KFD6041726      | 4.1 [0.161]   | 1.27 [0.050]  | 3.17 [0.125] | 1.57 [0.062]  |
| 4   | SMA-KFD6041273      | 4.1 [0.161]   | 1.27 [0.050]  | 4 [0.157]    | 3 [0.118]     |
| 5   | SMA-KFD6041612      | 4.1 [0.161]   | 1.27 [0.050]  | 15 [0.590]   | 3 [0.118]     |
| 6   | TURSMSMA-KFD6041994 | 4.1 [0.161]   | 1.27 [0.050]  | 5 [0.197]    | 27.1 [1.067]  |
| 7   | SMA-KFD6040862      | 4.1 [0.161]   | 1.27 [0.050]  | 3.17 [0.125] | 25.83 [1.017] |
| 8   | SMA-KFD6041512      | 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 UNLESS OTHERWISE SPECIFIED<br>0 PLC $\pm 0.25$<br>1 PLC $\pm 0.15$<br>2 PLC $\pm 0.12$<br>3 PLC $\pm$<br>3 PLC $\pm$<br>ANGLES $\pm 1^{\circ}$ | APVD            | Product Model         |                    |             |
|                                       |   | PRODUCT SPEC    | TURSMSMA-KFD6041994   |                    |             |
|                                       |   | APPLICATON SPEC | SM nector             |                    |             |
| MATEIAL<br>SEE TABLE                  | FINISH<br>SEE TABLE   | WEIGHT          | SIZE<br>A4            | GAGE CODE<br>OT8L4 | DRAWING NO  |
| CUSTOMER DRAWING                      |   |                 |                       |                    | SHEET1 OF 1 |
|                                       |   |                 |                       |                    | RVE 1       |