



| No. | Model       | D(Distance)  | L(Length)    | T(Thickness) |
|-----|-------------|--------------|--------------|--------------|
| 1   | SMA-KHD1201 | 1.93 [0.076] | 0.60 [0.023] | 1.78 [0.070] |
| 2   | SMA-KHD1204 | 1.93 [0.076] | 1.22 [0.048] | 1.78 [0.070] |
| 3   | SMA-KHD1202 | 0.76 [0.030] | 0.60 [0.023] | 0.61 [0.024] |
| 4   | SMA-KHD1205 | 0.76 [0.030] | 1.22 [0.048] | 0.61 [0.024] |
| 5   | SMA-KHD1203 | 1.02 [0.040] | 0.60 [0.023] | 0.87 [0.034] |
| 6   | SMA-KHD1206 | 1.02 [0.040] | 1.22 [0.048] | 0.87 [0.034] |
| 7   | SMA-KHD1207 | 2.15 [0.085] | 0.60 [0.023] | 2 [0.079]    |
| 8   | SMA-KHD1208 | 2.15 [0.085] | 1.22 [0.048] | 2 [0.079]    |
| 9   | SMA-KHD1209 | 2.25 [0.089] | 0.60 [0.023] | 2.1 [0.083]  |
| 10  | SMA-KHD1210 | 2.25 [0.089] | 1.22 [0.048] | 2.1 [0.083]  |

### 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            | Brass,Gold Plated      |
| Coupling Nut    | N/A                    |

|                                       |                                                                                                                                 |                  |                                                                 |                    |             |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------|--------------------|-------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT |                                                                                                                                 | DWN              | Suzhou Talent Microwave,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-KHD1203</b><br>SMA Female Connector |                    |             |
|                                       |                                                                                                                                 | PRODUCT SPEC     |                                                                 |                    |             |
|                                       |                                                                                                                                 | APPLICATION SPEC | SIZE<br>A4                                                      | GAGE CODE<br>OT8L4 | DRAWING NO  |
| MATERIAL<br>SEE TABLE                 | FINISH<br>SEE TABLE                                                                                                             | WEIGHT           | CUSTOMER DRAWING                                                |                    | SHBET1 OF 1 |
|                                       |                                                                                                                                 |                  |                                                                 |                    | RVE 1       |