



| No. | Model | D(Diameter) | L(Length) |
|-----|-------------------|--------------|---------------|
| 1 | SMA-KFD50512-078 | 0.30 [0.012] | 2 [0.079] |
| 2 | SMA-KFD50520-236 | 0.50 [0.020] | 6 [0.236] |
| 3 | SMA-KFD50524-1024 | 0.60 [0.024] | 26 [1.024] |
| 4 | SMA-KFD50525-98 | 0.64 [0.025] | 2.5 [0.098] |
| 5 | SMA-KFD50525-236 | 0.64 [0.025] | 6 [0.236] |
| 6 | SMA-KFD50525-787 | 0.64 [0.025] | 20.8 [0.819] |
| 7 | SMA-KFD50525-709 | 0.64 [0.025] | 18 [0.709] |
| 8 | SMA-KFD50531-839 | 0.80 [0.031] | 21.3 [0.839] |
| 9 | SMA-KFD50531-980 | 0.80 [0.031] | 24.9 [0.980] |
| 10 | SMA-KFD50531-2362 | 0.80 [0.031] | 60 [2.362] |
| 11 | SMA-KFD50534-430 | 0.87 [0.034] | 10.92 [0.430] |
| 12 | SMA-KFD50534-818 | 0.87 [0.034] | 20.8 [0.819] |
| 13 | SMA-KFD50534-1024 | 0.87 [0.034] | 26 [1.024] |
| 14 | SMA-KFD50534-1388 | 0.87 [0.034] | 35 [1.378] |

Electrical & Environmental Characteristics

| | |
|---------------------------------|-----------------------------------|
| Impedance | 50 Ω |
| Insulation Resistance | 5000 M Ω |
| Operating Frequency | DC~26.5GHz |
| Dielectric Withstanding Voltage | 1000V |
| VSWR | ≤ 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 |
| Coupling Nut | N/A |

| | | | | | |
|---------------------------------------|---|------------------|---|--------------------|--------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT | | DWN | Suzhou Talent Microwave, Inc | | |
| | | CHK | | | |
| Unit mm | TOLERANCES UNLESS OTHERWISE SPECIFIED 0 PLC ± 0.25 1 PLC ± 0.15 2 PLC ± 0.12 3 PLC \pm 3 PLC \pm ANGLES $\pm 1^{\circ}$ | APVD | Product Model SMA-KFD50525-787 SMA Female Flange Connector | | |
| | | PRODUCT SPEC | | | |
| | | APPLICATION SPEC | | | |
| MATERIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | SIZE A4 | GAGE CODE 0T8L4 | DRAWING NO |
| CUSTOMER DRAWING | | | | | SHEET 1 OF 1 |
| | | | | | RVE 1 |