



| No. | Model | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2) |
|-----|------------------|---------------|---------------|-------------|--------------|
| 1 | SMA-KFD70702 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 2 [0.079] |
| 2 | SMA-KFD70702-039 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 1 [0.039] |
| 3 | SMA-KFD70702-140 | 4.0 [0.157] | 0.38 [0.015] | 1.4 [0.055] | 2 [0.079] |
| 4 | SMA-KFD7070201 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 0.4 [0.016] |
| 5 | SMA-KFD7070206 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 0.6 [0.024] |
| 6 | SMA-KFD7070288 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 1.27 [0.050] |
| 7 | SMA-KFD7070289 | 4.0 [0.157] | 0.38 [0.015] | 3 [0.118] | 3 [0.118] |
| 8 | SMA-KFD7070404 | 4.0 [0.157] | 0.38 [0.015] | 4 [0.157] | 2 [0.079] |
| 9 | SMA-KFD70701 | 4.0 [0.157] | 0.80 [0.031] | 4 [0.157] | 2 [0.079] |
| 10 | SMA-KFD7070403 | 4.0 [0.157] | 0.30 [0.012] | 1.4 [0.055] | 1.5 [0.059] |
| 11 | SMA-KFD7071001 | 4.0 [0.157] | 0.51 [0.020] | 4 [0.157] | 2 [0.079] |
| 12 | SMA-KFD7070208 | 4.1 [0.161] | 0.38 [0.015] | 4 [0.157] | 2 [0.079] |
| 13 | SMA-KFD7070203 | 4.1 [0.161] | 0.30 [0.012] | 4 [0.157] | 2.5 [0.098] |

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 |
| Coupling Nut | NA |

| | | | | | |
|---------------------------------------|--|-----------------|---|--------------------|-------------|
| 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 ±- 3 PLC ±- ANGLES ±1° | APVD | Product Model | | |
| | | PRODUCT SPEC | SMA-KFD70702-140 SMA Female Flange Connector | | |
| | | APPLICATON SPEC | SIZE A4 | GAGE CODE 0T8L4 | DRAWING NO |
| MATEIAL SEE TABLE | FINISH SEE TABLE | WEIGHT | CUSTOMER DRAWING | | SHEET1 OF 1 |
| | | | | | RVE 1 |