



| No. | Model | D1(Diameter1) | D2(Diameter2) | L1(Length1) | L2(Length2) |
|-----|----------------|---------------|---------------|--------------|---------------|
| 1 | SMA-KFD6031923 | 4.1 [0.161] | 1.27 [0.050] | 5 [0.197] | 2 [0.079] |
| 2 | SMA-KFD6031984 | 4.1 [0.161] | 1.27 [0.050] | 5 [0.197] | 24 [0.945] |
| 3 | SMA-KFD6031726 | 4.1 [0.161] | 1.27 [0.050] | 3.17 [0.125] | 1.57 [0.062] |
| 4 | SMA-KFD6031273 | 4.1 [0.161] | 1.27 [0.050] | 4 [0.157] | 3 [0.118] |
| 5 | SMA-KFD6031612 | 4.1 [0.161] | 1.27 [0.050] | 15 [0.590] | 3 [0.118] |
| 6 | SMA-KFD6031994 | 4.1 [0.161] | 1.27 [0.050] | 5 [0.197] | 27.1 [1.067] |
| 7 | SMA-KFD6030862 | 4.1 [0.161] | 1.27 [0.050] | 3.17 [0.125] | 25.83 [1.017] |
| 8 | SMA-KFD6031512 | 4.1 [0.161] | 0.80 [0.031] | 5 [0.197] | 2 [0.079] |

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 |

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DWN
CHK

Suzhou Talent Microwave, Inc

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 SPEC
APPLICATON SPEC

Product Model
SMA-KFD6031994
SMA Female Flange Connector

MATEIAL
SEE TABLE

FINISH
SEE TABLE

WEIGHT
CUSTOMER DRAWING

SIZE A4
GAGE CODE OT8L4
DRAWING NO
SHEET1 OF 1
RVE 1