



No.	Model	Pin Size ϕd
1	SMA-KFD80809	0.23 [0.009]
2	SMA-KFD80812	0.30 [0.012]
3	SMA-KFD80815	0.38 [0.015]
4	SMA-KFD80818	0.46 [0.018]
5	SMA-KFD80820	0.51 [0.020]

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
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 \pm
3 PLC \pm
ANGLES $\pm 1^{\circ}$

APVD
PRODUCT SPEC
APPLICATION SPEC

Product Model

SMA-KFD80820
SMA Female Flange Connector

MATERIAL
SEE TABLE

FINISH
SEE TABLE

WEIGHT

SIZE
A4

GAGE CODE
OT8L4

DRAWING NO

CUSTOMER DRAWING

SHEET 1 OF 1

RVE 1