Part No. WADP-1M185F

67GHz 1mm(M)-1.85mm (F) 50Ω Adapter



Features:

- High repeatability
- Low VSWR

RoHS Compliant

Electrical Specification	
Frequency	DC-67GHz
Impedance	50 Ohm
VSWR	1.25:1 Max.
Connector Type	1mm Male– 1.85mm Female

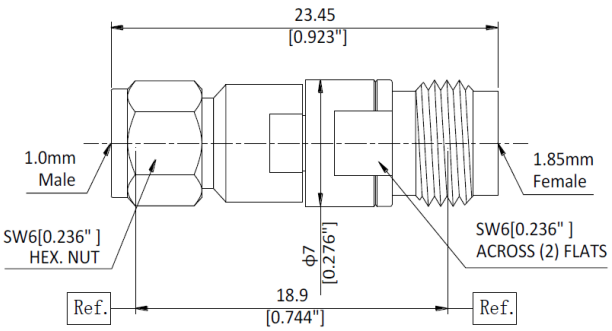
Mechanical Specification	
Durability	2,000 Cycles

Material Specification	
Body	SUS303-Polished & Passivated
Center Conductor	Gold Plated Beryllium Copper
Dielectric	PEI
Nut	SUS303-Polished & Passivated

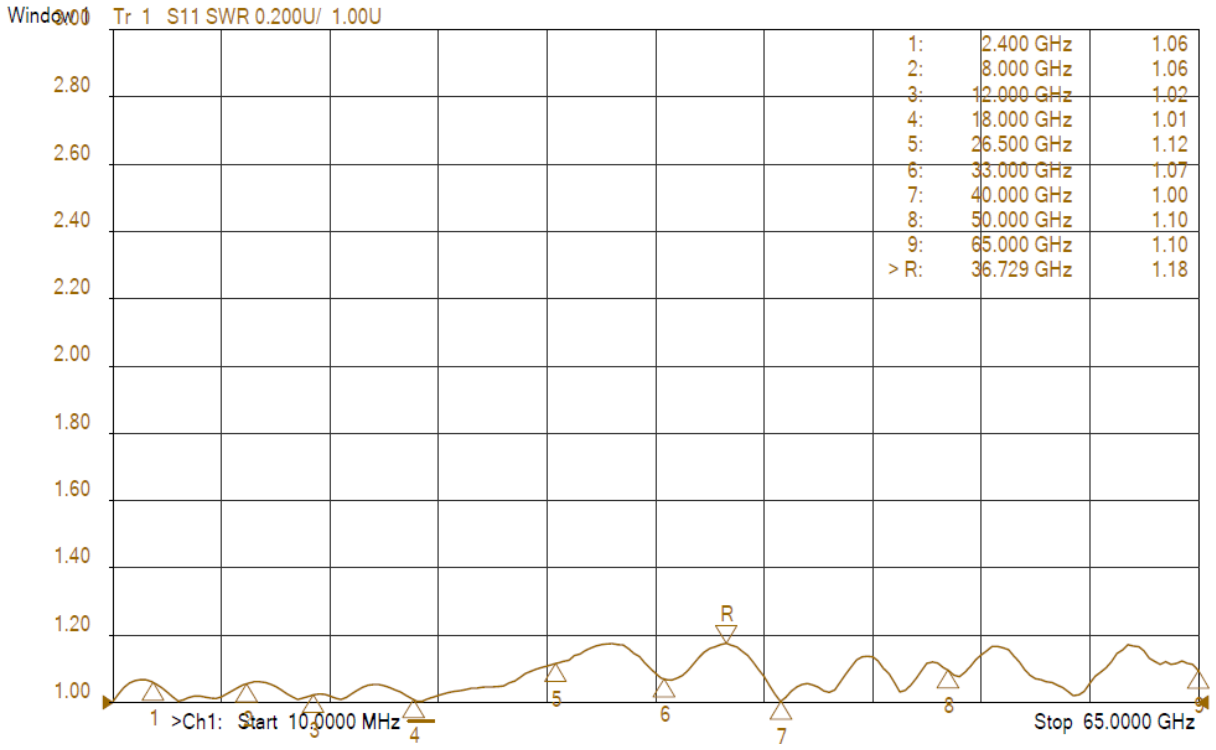
Environmental Specification	
Operating Temperature	-55~+165℃

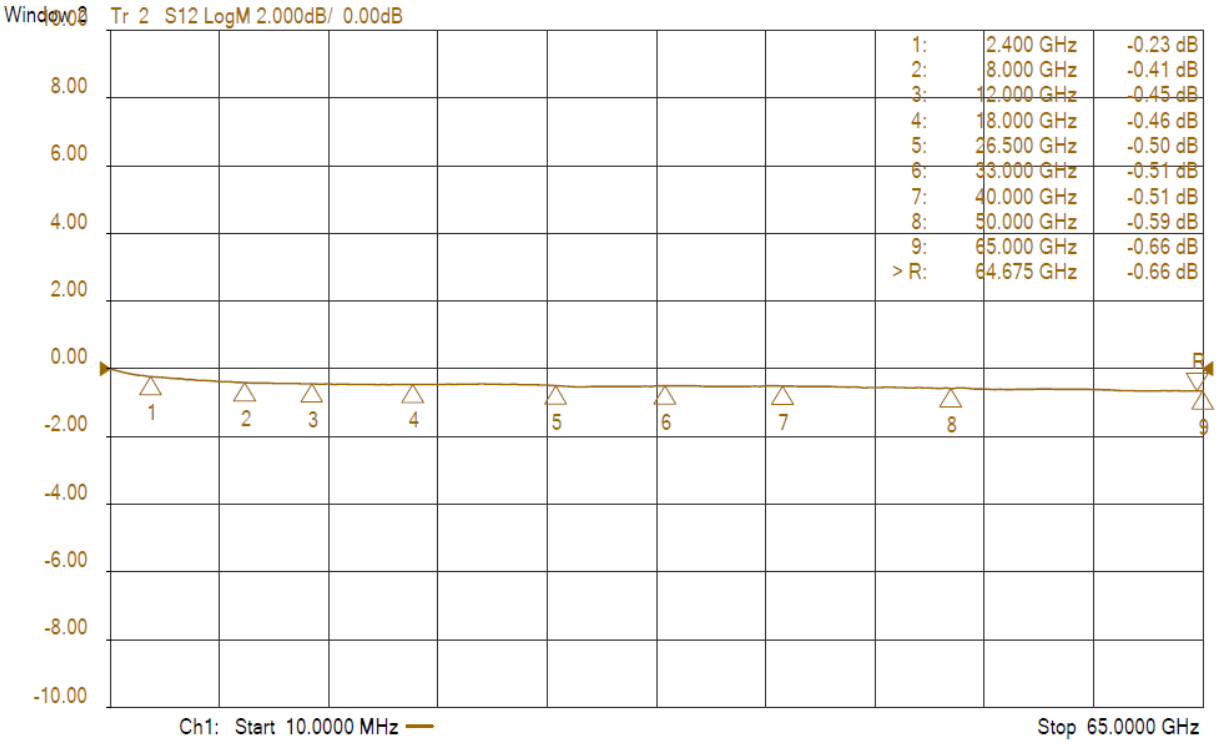
Outline

Unit:mm[inch]



Test Curve


Window1
Tr 1 S11 SWR 0.200U/ 1.00U
1: 2.400 GHz 1.06
2: 8.000 GHz 1.06
3: 12.000 GHz 1.02
4: 18.000 GHz 1.01
5: 26.500 GHz 1.12
6: 33.000 GHz 1.07
7: 40.000 GHz 1.00
8: 50.000 GHz 1.10
9: 65.000 GHz 1.10
> R: 36.729 GHz 1.18
3.00
2.80
2.60
2.40
2.20
2.00
1.80
1.60
1.40
1.20
1.00
>Ch1: Start 10.0000 MHz
Stop 65.0000 GHz


Window2
Tr 2 S12 LogM 2.000dB/ 0.00dB
1: 2.400 GHz -0.23 dB
2: 8.000 GHz -0.41 dB
3: 12.000 GHz -0.45 dB
4: 18.000 GHz -0.46 dB
5: 26.500 GHz -0.50 dB
6: 33.000 GHz -0.51 dB
7: 40.000 GHz -0.51 dB
8: 50.000 GHz -0.59 dB
9: 65.000 GHz -0.66 dB
> R: 64.675 GHz -0.66 dB
10.00
8.00
6.00
4.00
2.00
0.00
-2.00
-4.00
-6.00
-8.00
-10.00
Ch1: Start 10.0000 MHz
Stop 65.0000 GHz