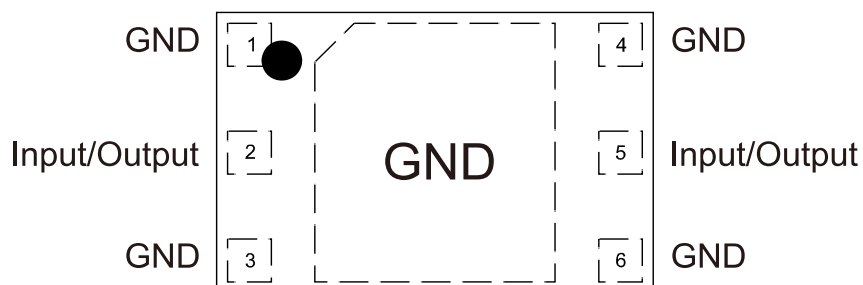
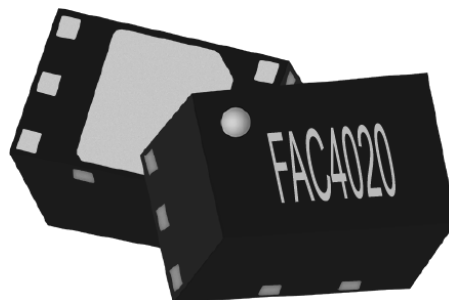


Features

- DC to 40 GHz
- 20dB Attenuation
- Excellent VSWR
- Small Package, 1.3x2.0 mm
- ESD: HBM Class 1C,1000 to < 2000 Volts
- Moisture Sensitivity: MSL1
- GaAs Process

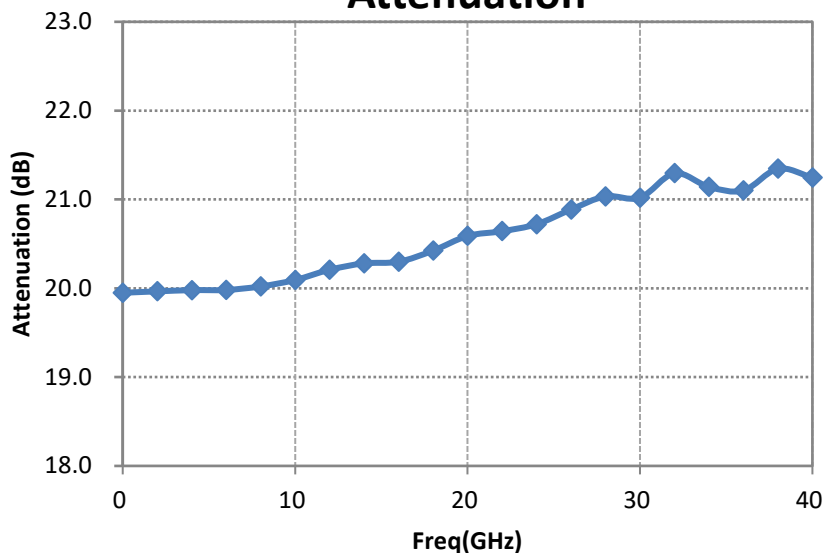


Electrical specifications at 25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		40	GHz
Attenuation	DC-40	-	20	-	dB
Attenuation Flatness	DC-40	-	0.6	-	
Impedance	DC-40	-	50	-	Ω
Return Loss	DC-40	-	22	-	dB
DC Current				100	mA
RF Power Handling				2	W
Operating & Storage Condition					
Operation Temperature Range: -55°C to +100°C					
Storage Temperature Range: -65°C ~ +125°C					

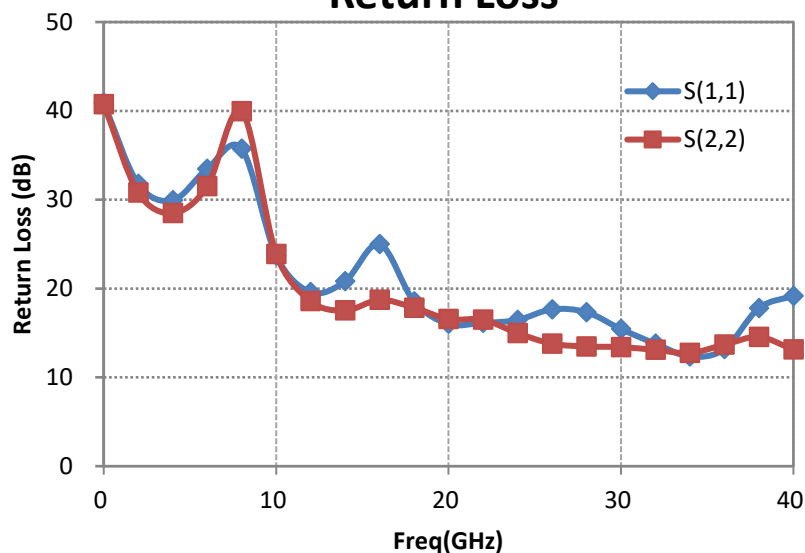
Test Curve

Attenuation

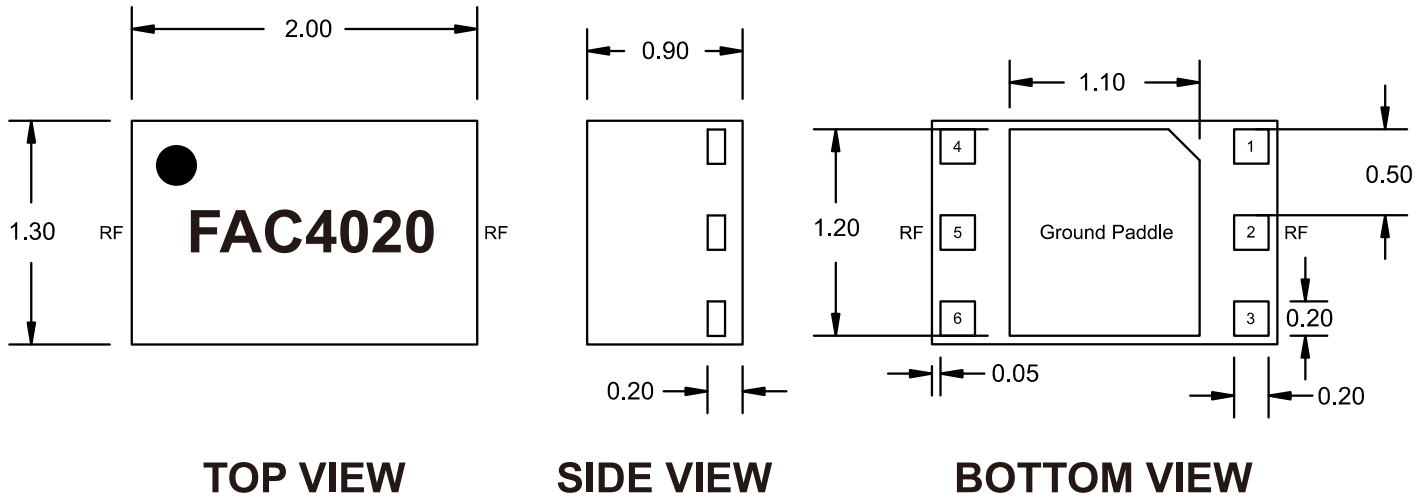


Freq. (GHz)	Att. (dB) S (1, 2)	Return Loss (dB)	
		S (1, 1)	S (2, 2)
0	19.95	40.88	40.75
2	19.97	31.76	30.79
4	19.98	29.94	28.49
6	19.98	33.48	31.51
8	20.02	35.73	39.96
10	20.09	23.72	23.88
12	20.21	19.59	18.58
14	20.28	20.82	17.53
16	20.30	24.99	18.72
18	20.42	18.53	17.84
20	20.59	16.02	16.56
22	20.64	16.13	16.48
24	20.72	16.46	14.97
26	20.89	17.65	13.79
28	21.03	17.33	13.48
30	21.02	15.44	13.40
32	21.29	13.79	13.09
34	21.14	12.35	12.74
36	21.10	13.19	13.68
38	21.35	17.79	14.54
40	21.25	19.17	13.13

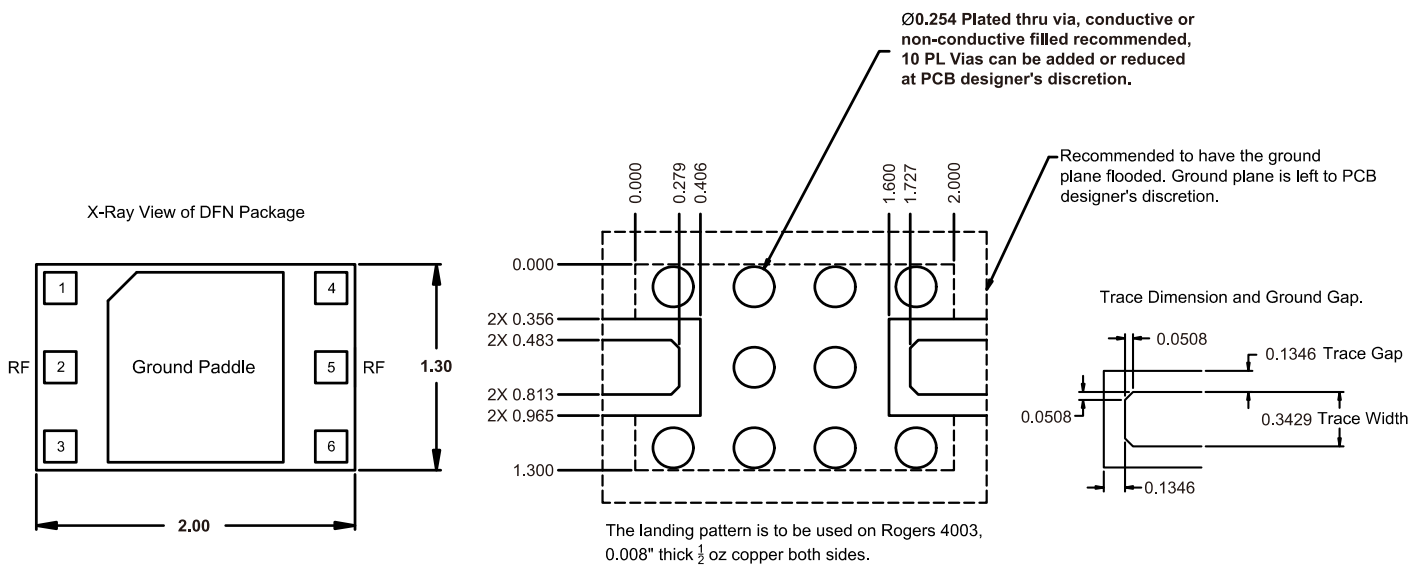
Return Loss



Outline Drawing (Units= mm)



Footprint Image



Function	Pad Number
Input/Output	2,5
GND	1, 3, 4, 6 &Paddle