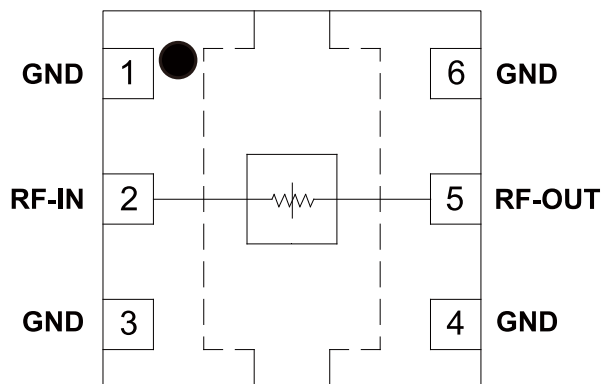
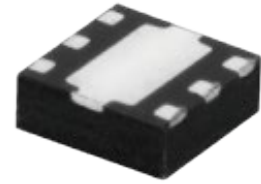


Features

- Wideband, DC to 60 GHz
- High Power Handling, 1.9 W
- Excellent Return Loss
- 1.5x1.5 mm, 6-Lead QFN-Style Package
- Human Body Model (HBM): Class 2(> 2000 V)
- Charged Device Model (CDM): Class C3 (≥1000V)
- Moisture Sensitivity: MSL1



Applications

- Test & Measurement Equipment
- Satellite Communications
- Radar, EW, and ECM Defense Systems
- Telecom Infrastructure
- 5G sub-6 GHz and mmW

Electrical specifications at 25°C

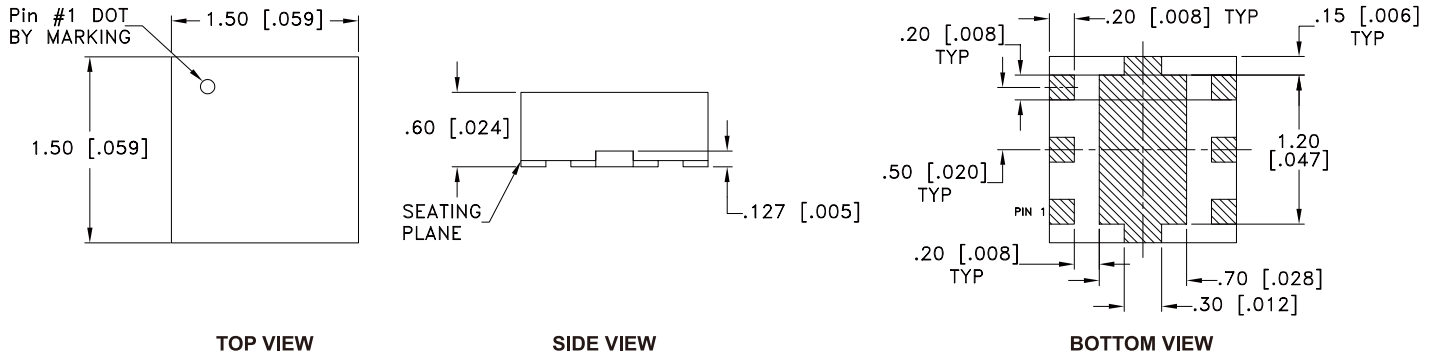
Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		60	GHz
Attenuation	0.01-10	8.5	9.0	9.5	dB
	10-20	8.3	8.9	9.5	
	20-30	8.1	8.9	9.8	
	30-40	6.9	8.8	10.1	
	40-50		8.6		
	50-60		8.4		
Input Return Loss	0.01-10		22		dB
	10-20		28		
	20-30		23		
	30-40		19		
	40-50		17		
	50-60		16		
Output Return Loss	0.01-10		22		dB
	10-20		28		
	20-30		23		
	30-40		19		
	40-50		17		
	50-60		16		
Input RF Power			1.9		W
Operating & Storage Condition					
Operation Temperature Range: -45°C to +105°C					
Storage Temperature Range: -65°C ~ +150°C					

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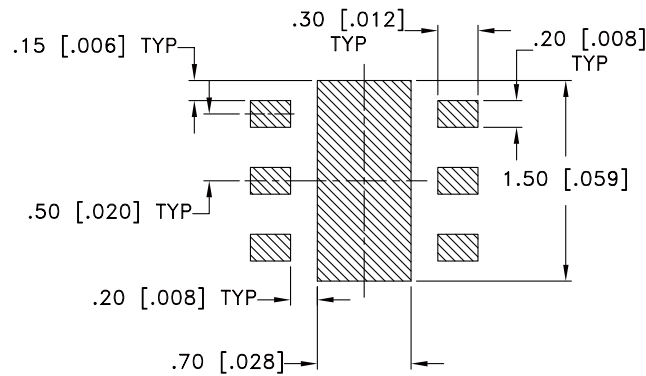
Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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Outline Drawing (Units= mm [inches])



PCB Land Pattern (Units= mm [inches])

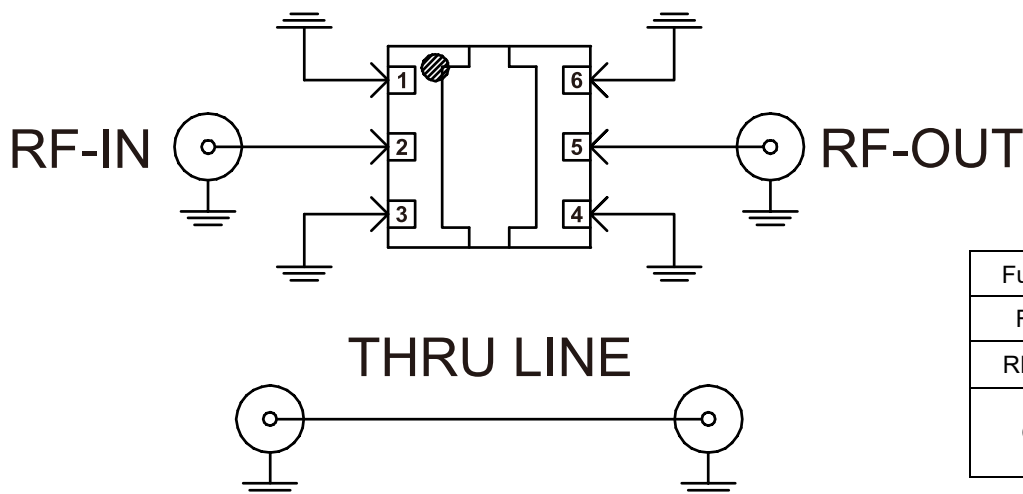


Suggested Layout,
Tolerance to be within ± 0.050 mm

NOTES:

1.  DENOTES METALLIZATION

Functional Diagram



Function	Pad Number
RF-IN	2
RF-OUT	5
GND	1, 3, 4, 6 & Paddle

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