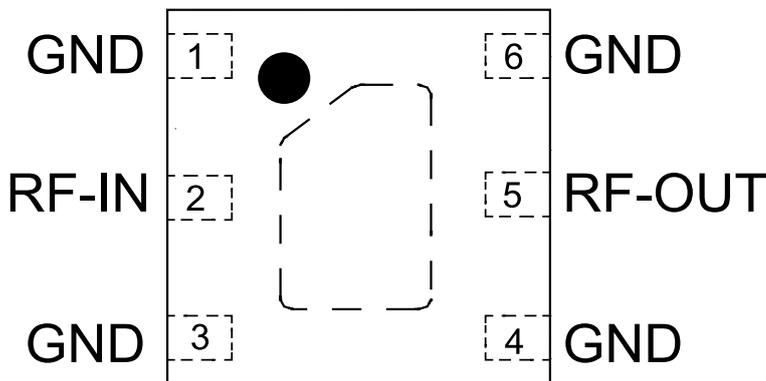


Features

- Wideband, DC to 50 GHz
- High Power Handling, 2 W
- Excellent VSWR
- Small Package, 2x2 mm
- Human Body Model (HBM): Class 2 (> 2000 V)
- Moisture Sensitivity: MSL1



Applications

- 5G
- Test and Measurement
- Radar
- Communication
- Defense
- Satellite

Electrical specifications at 25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		50	GHz
Attenuation	0.01-5	0.6	1.0	1.4	dB
	5-10	0.6	1.1	1.5	
	10-20	0.6	1.1	1.6	
	20-30	0.7	1.3	1.7	
	30-40	-	1.5	-	
	40-50	-	1.8	-	
VSWR	0.01-5		1.08	1.3	:1
	5-10		1.19	1.6	
	10-20		1.11	1.5	
	20-30		1.16	-	
	30-40		1.36	-	
	40-50		1.60	-	
Input RF Power*			2		W

Operating & Storage Condition

Operation Temperature Range: -55°C to +105°C

Storage Temperature Range: -65°C ~ +150°C

*Power rating derated to 1 W at +85°C and 0.6 W at +105°C

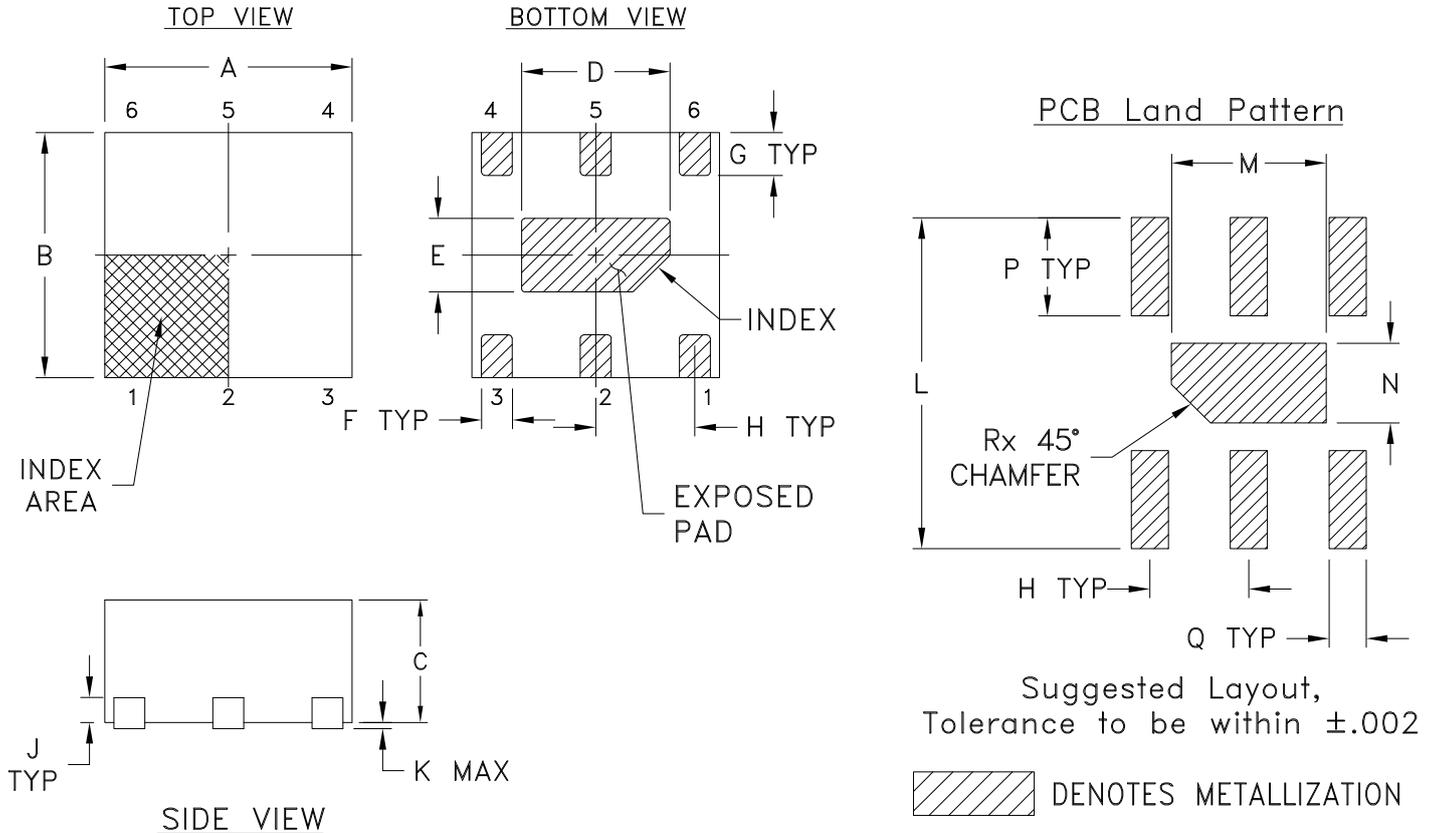
Yantel Corporation

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

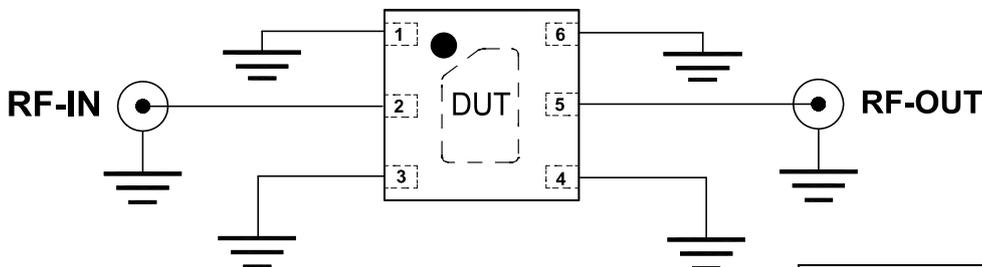
For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Outline Drawing (Units= inches (mm))



A	B	C	D	E	F	G	H	J	K	L	M	N
.079 (2.00)	.079 (2.00)	.039 (1.00)	.047 (1.20)	.024 (.60)	.010 (.25)	.014 (.35)	.031 (.80)	.008 (.20)	.002 (.05)	.106 (2.70)	.049 (1.25)	.026 (.65)
P	Q	R	WT,GRAM									
.031 (.80)	.012 (.30)	.012 (.30)	.006									

Functional Diagram



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

Yantel Corporation

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

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com