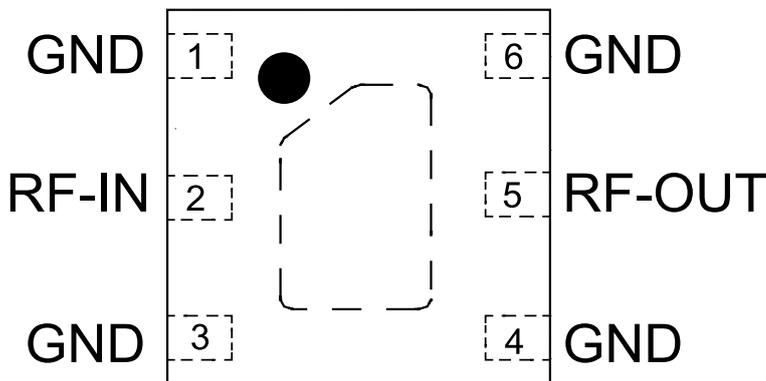


#### Features

- Wideband, DC to 50 GHz
- High Power Handling, 1.4W
- 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	14.6	15.0	15.4	dB
	5-10	14.6	15.1	15.4	
	10-20	14.6	15.1	15.5	
	20-30	14.4	15.0	15.5	
	30-40	-	14.9	-	
	40-50	-	14.6	-	
VSWR	0.01-5		1.16	1.4	:1
	5-10		1.20	1.5	
	10-20		1.08	1.5	
	20-30		1.20	-	
	30-40		1.27	-	
	40-50		1.34	-	
Input RF Power*			1.4		W
<b>Operating &amp; Storage Condition</b>					
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 0.8W at +105°C

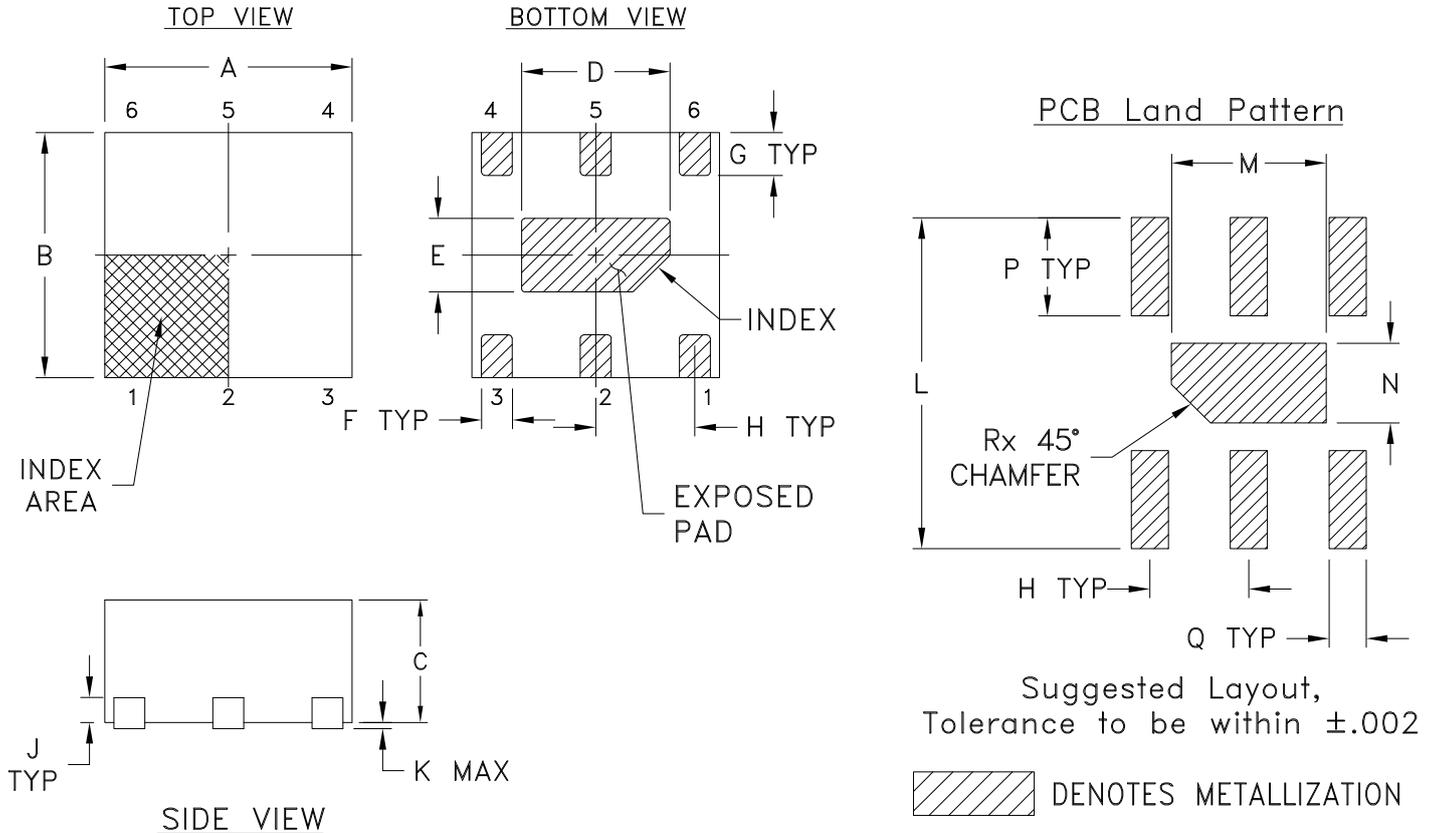
#### Yantel Corporation

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

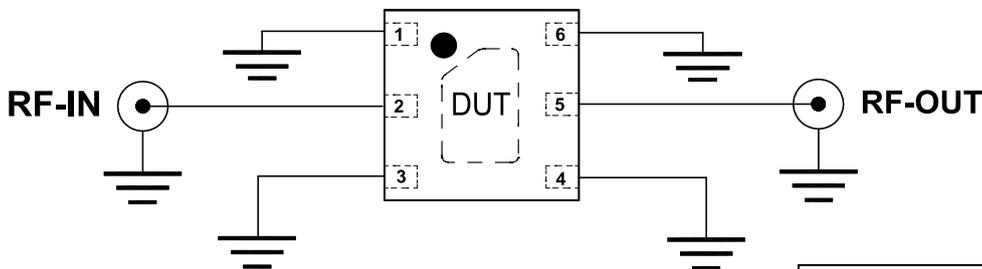
For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

### 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