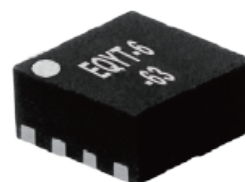
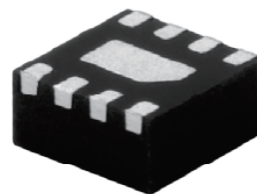
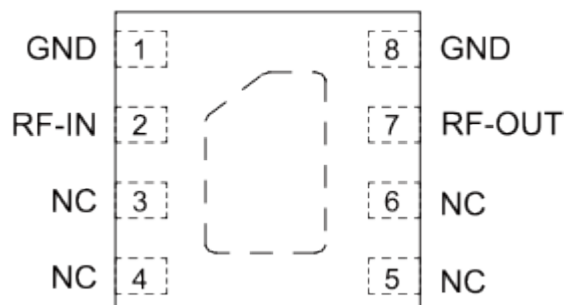


Features

- 6.5 dB Slope
- Negative Insertion Loss Slope vs. Frequency
- Wideband operation, DC to 6 GHz
- Excellent Power Handling Capability
- Small Size and simple to use (2 mm x 2 mm)
- Human Body Model (HBM): Class 2 (Pass 2000V)



TOP VIEW



Applications

- Cellular
- PCS
- Communications
- Radar
- Defense

Electrical specifications at 25°C

Parameter	Condition (GHz)	Min.	Typ.	Max.	Units
Frequency Range		DC		6	GHz
Insertion Loss	0.01	7.1	7.4	7.7	dB
	1	-	6.55	-	
	2	-	4.9	-	
	3	3.1	3.36	3.7	
	4	-	2.2	-	
	5	-	1.52	-	
	6	0.75	1.15	1.45	
VSWR	0.01-1	-	1.06	-	:1
	1-2	-	1.1	-	
	2-3	-	1.15	-	
	3-4	-	1.17	-	
	4-5	-	1.33	-	
	5-6	-	1.55	-	
Input RF Power	32				dBm
Operating & Storage Condition					
Operation Temperature Range: -40℃ ~ +85℃					
Storage Temperature Range: -65℃ ~ +150℃					

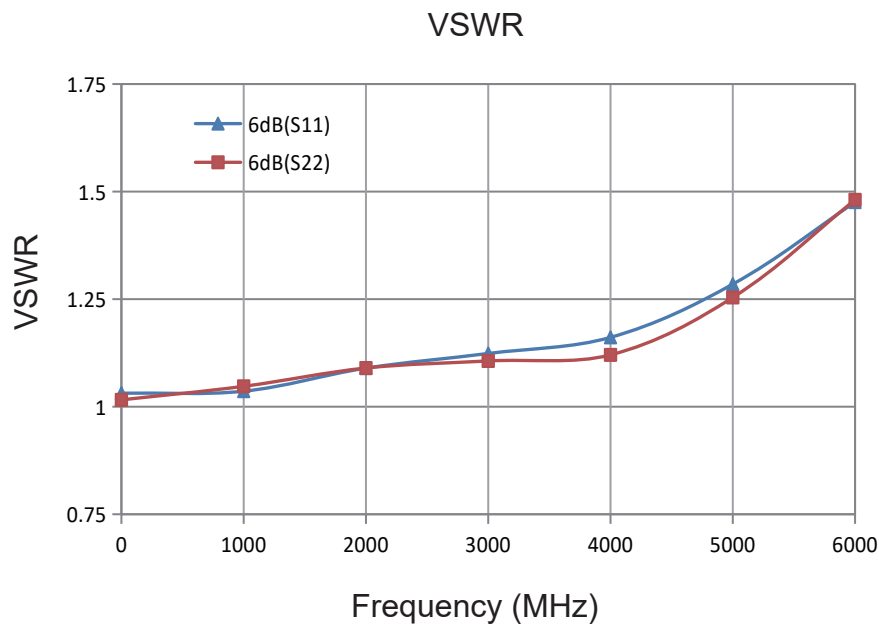
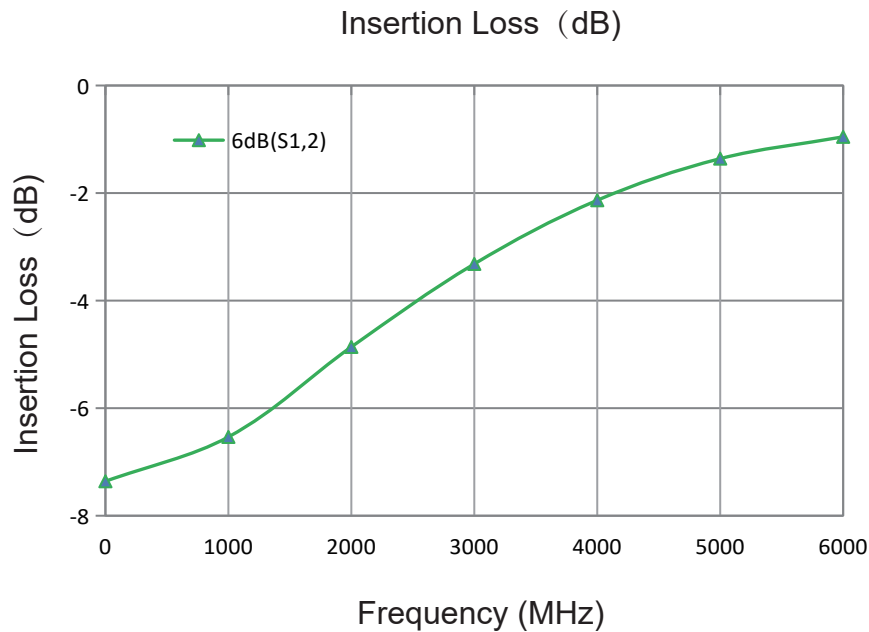
Yantel Corporation

Add: No.308-322, 3F, Building 1, Juchuang Jingu Innovation Park, Wenyuan Road 35, Xili Street, Nanshan, Shenzhen, China

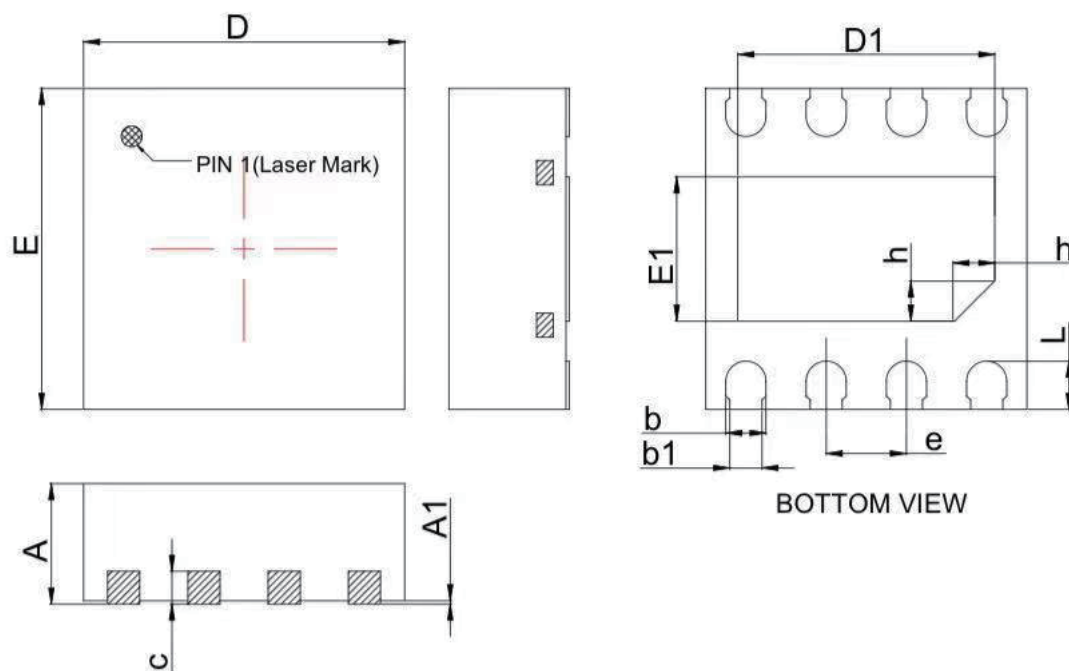
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

Typical Performance (25°C: DC-6GHz)

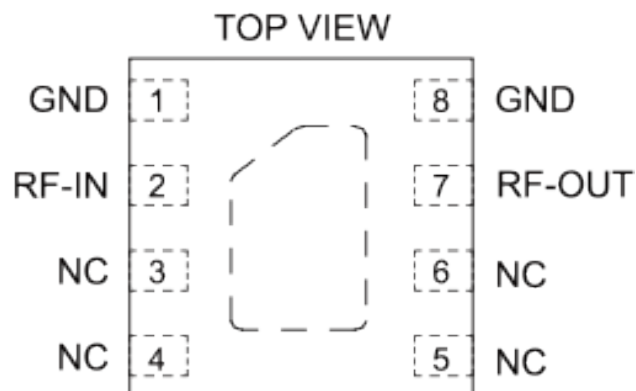
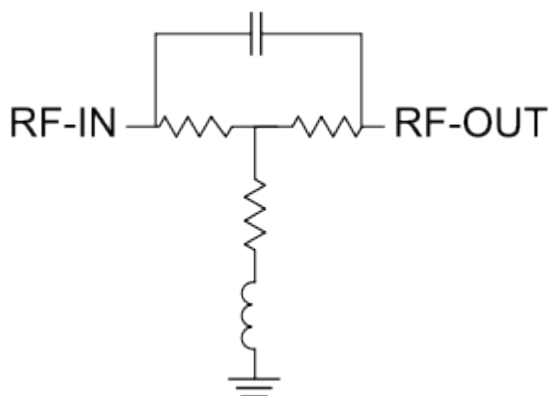


Outline Drawing



COMMON DIMENSION & TOLERANCE			
S Y M B O L	ALL DIMENSION IN MILLIMETERS		
	MINIMUM	NOMINAL	MAXIMUM
A	0.70	0.75	0.80
A1	---	0.02	0.05
b	0.20	0.25	0.30
b1	0.20REF		
c	0.18	0.20	0.25
D	1.90	2.00	2.10
D1	1.50	1.60	1.70
e	0.50BSC		
E	1.90	2.00	2.10
E1	0.80	0.90	1.00
L	0.25	0.30	0.35
h	0.20	0.25	0.30

Simplified Schematic And Pad Description



Function	Pad Number	Description
RF-IN	2	RF-Input pad
RF-OUT	7	RF-Output pad
GND	1,8 & Paddle	Ground
NC	3-6	No connection, connected to ground externally

Characterization Test Circuit

