

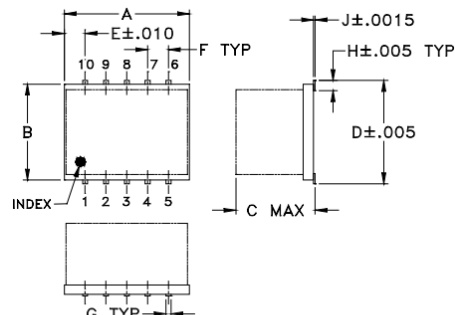
4Way 0° Divide Frequency: 5-1000MHZ.

Feature:

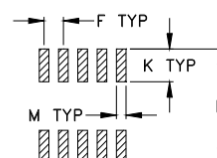
- .4way 0degree Divide.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 50 ohm systems.
- .260 degree compatible.

ROHS COMPLIANT

Dimension



PCB Land Pattern



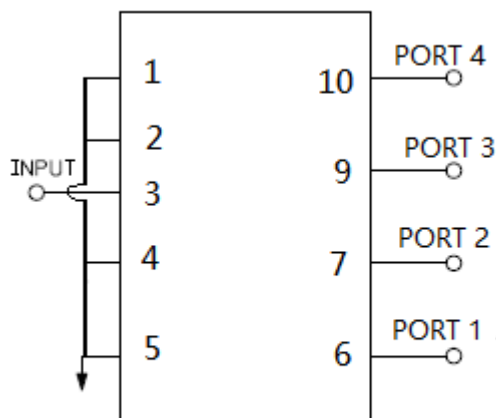
Suggested Layout,
Tolerance to be within ± 0.2

Outline Dimensions (mm)

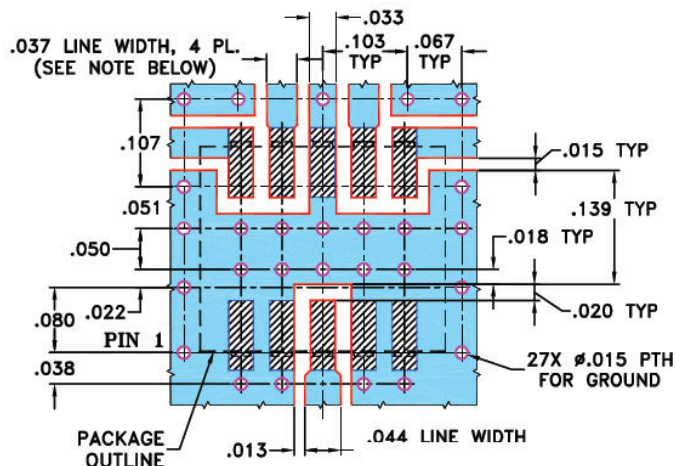
A	8.60	B	6.61
C	4.83	D	6.76
E	1.27	F	1.27
G	0.30	H	0.74
J	0.10	K	2.16
L	7.52	M	0.76

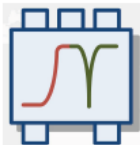


Suggested PCB Layout



Schematic

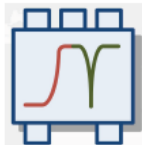




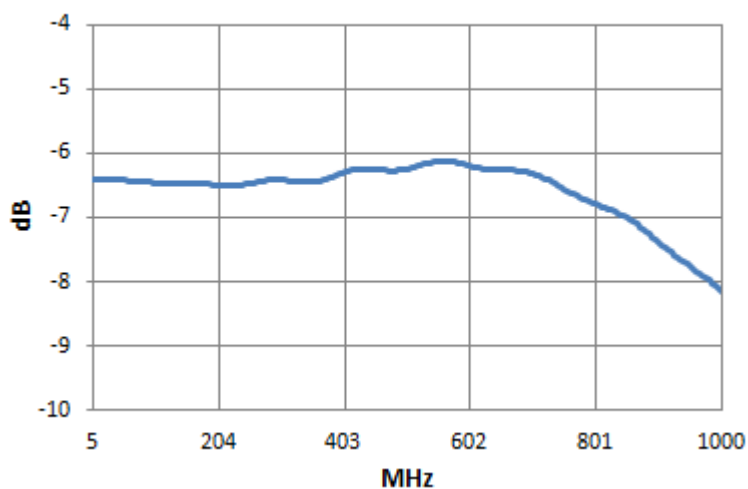
PIN CONFIGURATION	
PIN	FUNCTION
10	PORT 4
1,2,4,5,8	GND
9	PORT 3
6	PORT 1
7	PORT 2
3	Input

Absolute Maximum Ratings	
Parameter	Absolute Maximum
RF Power	0.5W
DC Current	240mA
Operating Temperature	-40℃ to +85℃
Storage Temperature	-55℃ to +100℃

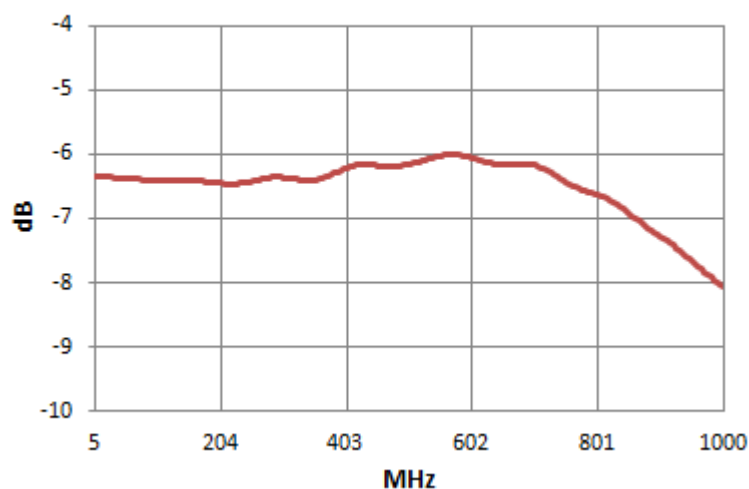
Electrical Specifications: TA=25℃, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss (ABOVE 6.0)	5 - 400MHz	dB	---	0.7	1.3
	400 - 500MHz	dB	---	0.8	1.5
	500 - 1000MHz	dB	---	1.2	2.5
Amplitude Unbalance	5 - 400MHz	dB	---	---	±0.8
	400 - 500MHz	dB	---	---	±0.7
	500 - 1000MHz	dB	---	---	±0.9
Phase Unbalance	5 - 400MHz	Degree	---	±0.1	±5
	400 - 500MHz	Degree	---	±0.5	±6
	500 - 1000MHz	Degree	---	±1.0	±11
Isolation Between All Output	5 - 400MHz	dB	18	30	---
	400 - 500MHz	dB	17	25	---
	500 - 1000MHz	dB	15	20	---
RF Power Rating (max)	0.5W				
DC Current	240mA				
Test Impedance	50OHM				



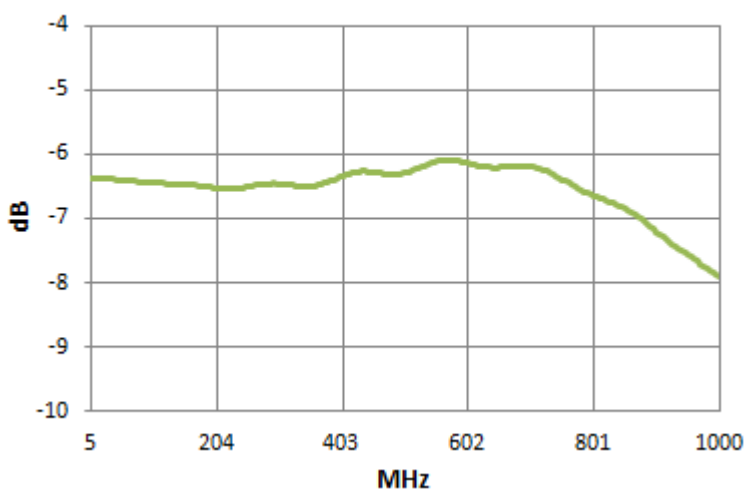
S-1



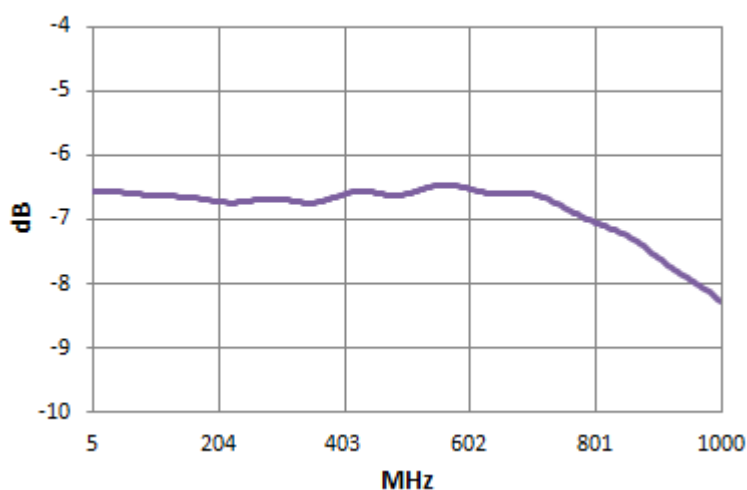
S-2



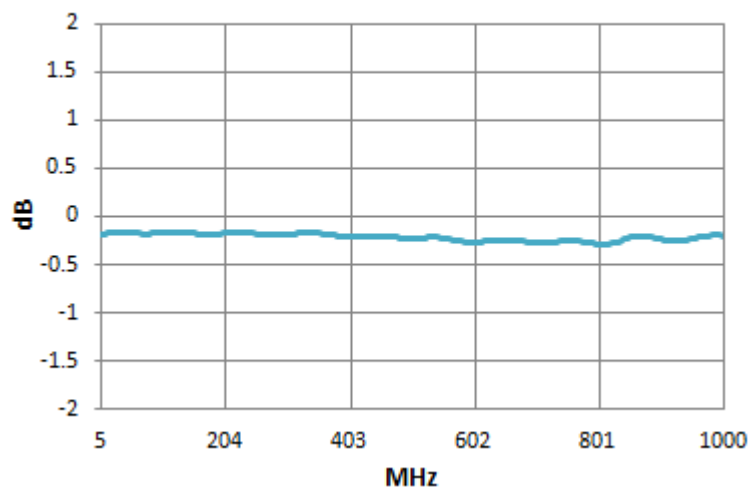
S-3



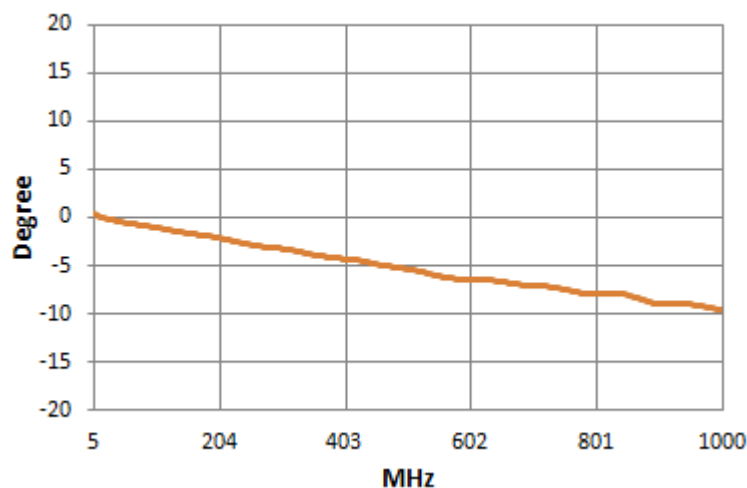
S-4

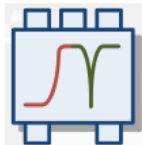


Amplitude

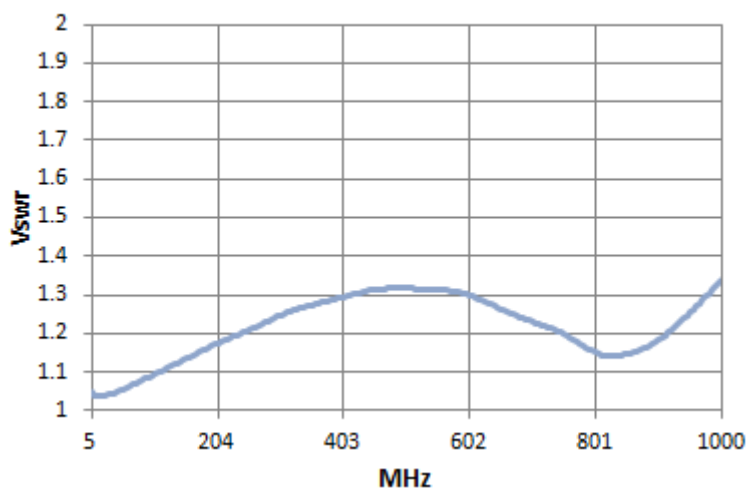


Phase

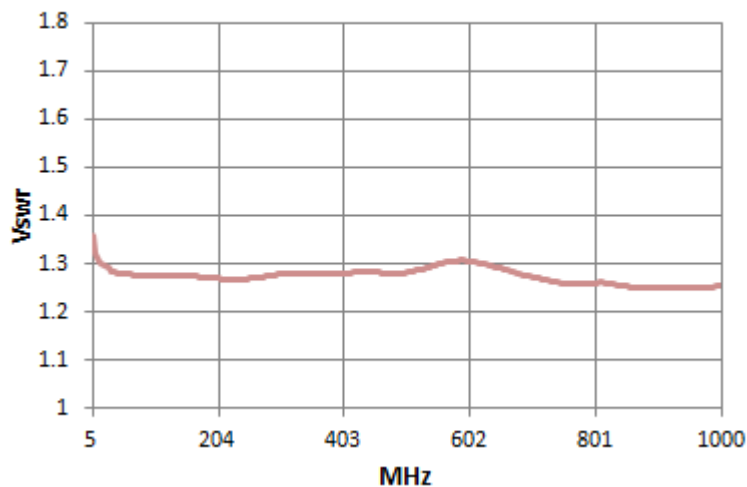




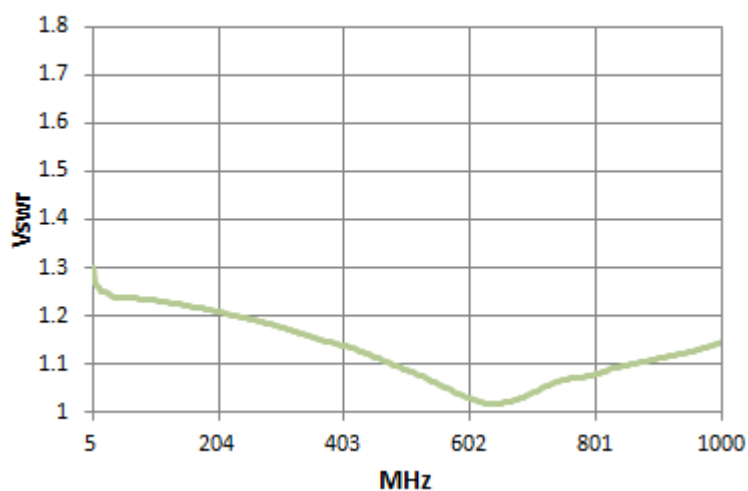
VSWR-S



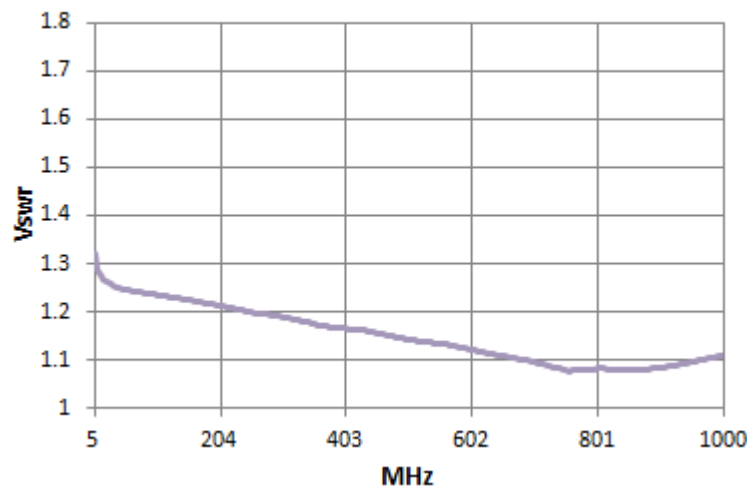
VSWR-1



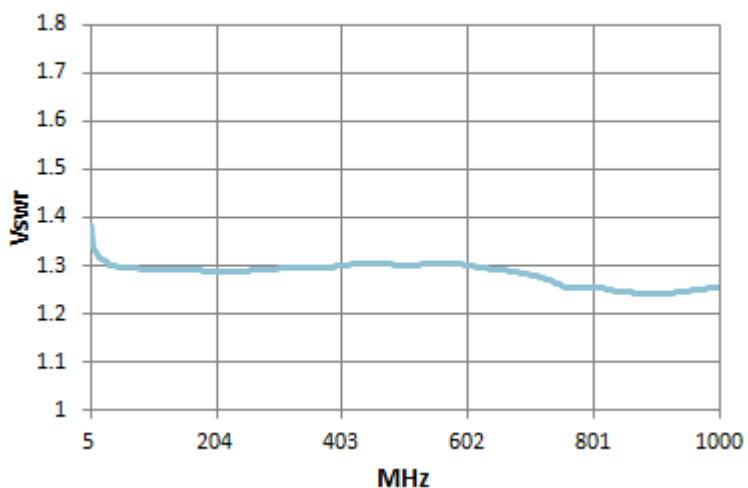
VSWR-2



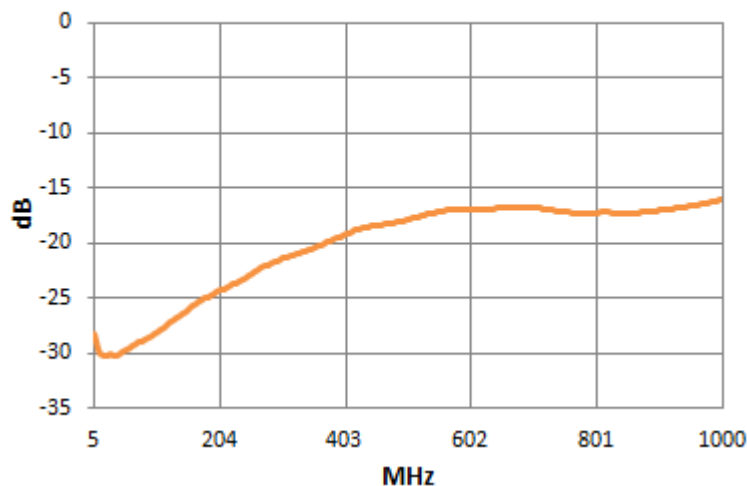
VSWR-3

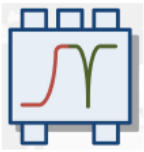


VSWR-4

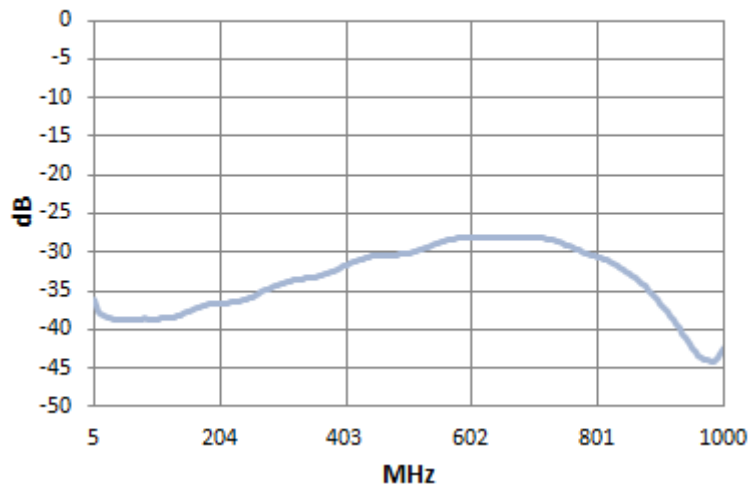


Isolation 1-2





Isolation 1-3



Isolation 2-3

