

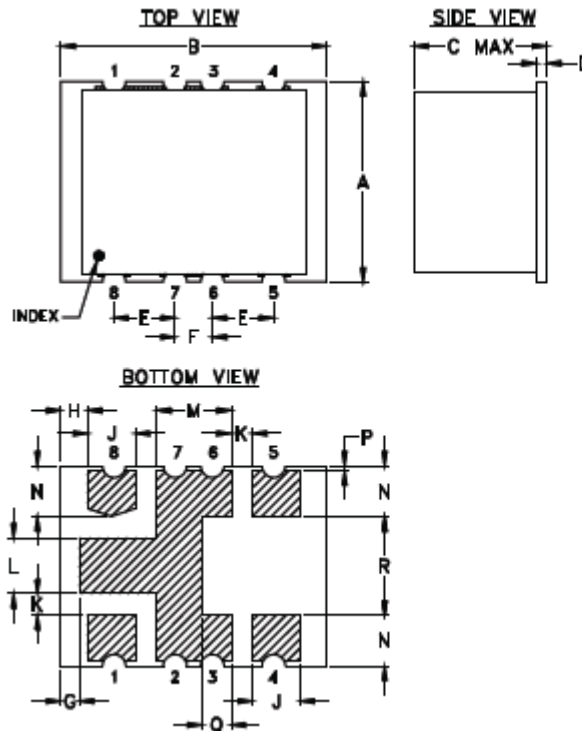
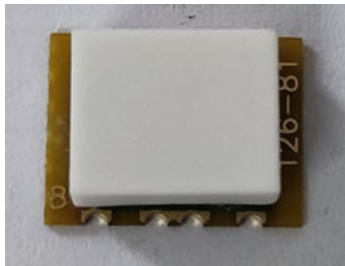
2Way 0° Divider Frequency: 5-2750MHZ.

Mechanical Dimension

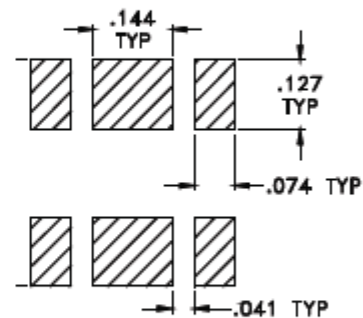
Feature:

- .2way 0degree Divider.
- .SMT unit.
- .Packaging 800pcs per reel.
- .used in 75ohm systems.
- .260 degree compatible.

ROHS COMPLIANT



Suggested Layout,

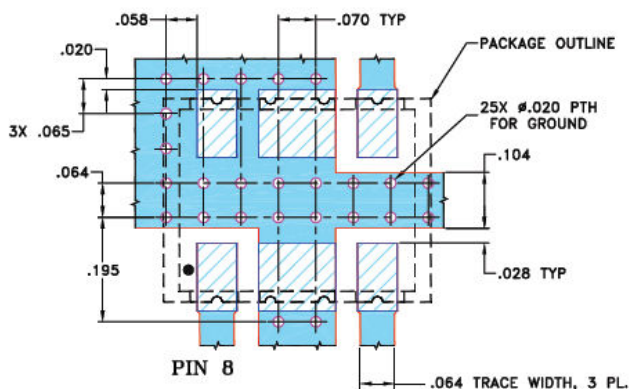


Tolerance to be within ± 0.02

Dimensions (inch/mm)

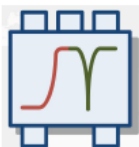
A	B	C	D	E	F	G	H	J	K
.38	.50	.25	.020	.115	.070	.035	.050	.090	.040
9.65	12.70	6.35	0.51	2.92	1.78	0.89	1.27	2.29	1.02
L	M	N	P	Q	R	S	T	wt	
.105	.140	.095	.010	.055	.185	--	--	grams	
2.67	3.56	2.41	0.25	1.40	4.70	--	--	0.52	

Suggested PCB Layout



electrical schematic



**Absolute Maximum Ratings**

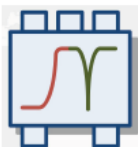
Parameter	Absolute Maximum
RF Power	0.5 W
Internal Load Dissipation	0.05W
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +100°C

PIN CONFIGURATION

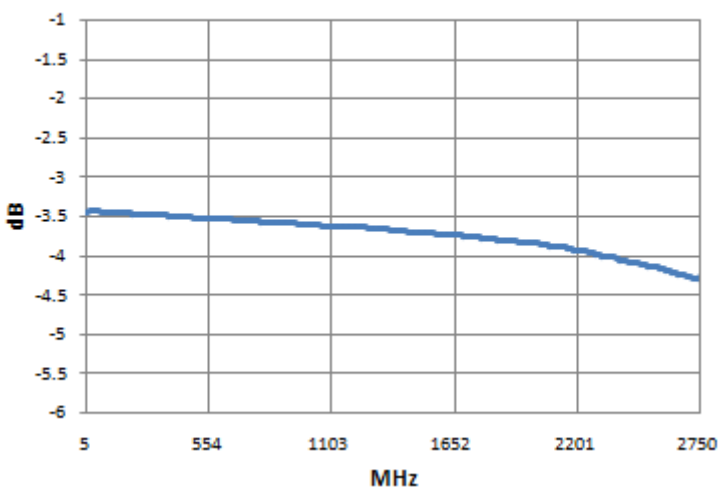
PIN	FUNCTION
1,2,3,6,7	GND
5	Output2
4	Output1
8	Input

Electrical Specifications

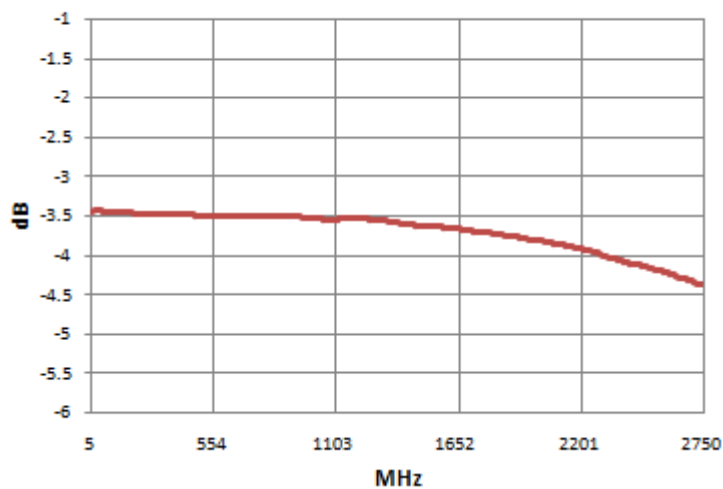
FREQ. RANGE (MHz)	ISOLATION (dB)						INSERTION LOSS (dB) ABOVE 3.0 dB						PHASE UNBALANCE (Degrees)			AMPLITUDE UNBALANCE (dB)		
	L		M		U		L		M		U		L		M		U	
f_L - f_U	Typ.	Min.	Typ.	Min.	Typ.	Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Max.	Max.	Max.	Max.	Max.	Max.
5-2750	20	12	25	18	22	13	0.5	0.7	0.8	1.1	1.5	2.7	2.0	4.0	6.0	0.2	0.4	1.0



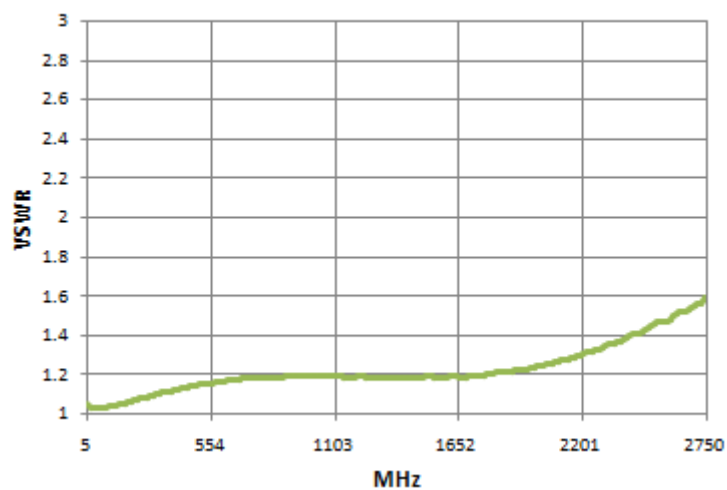
S-1



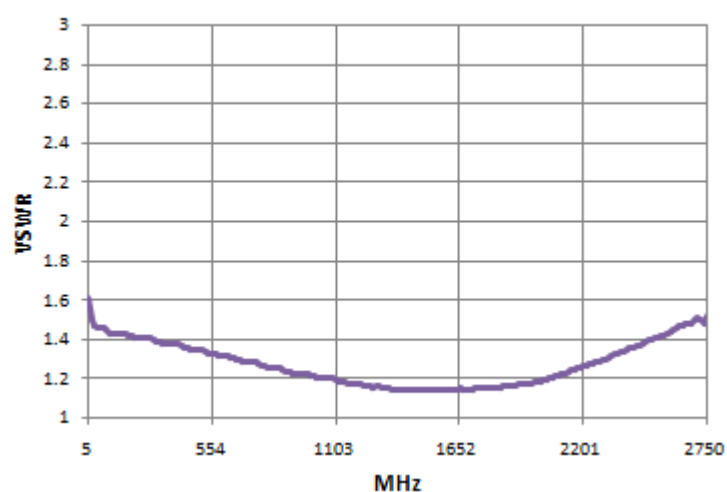
S-2



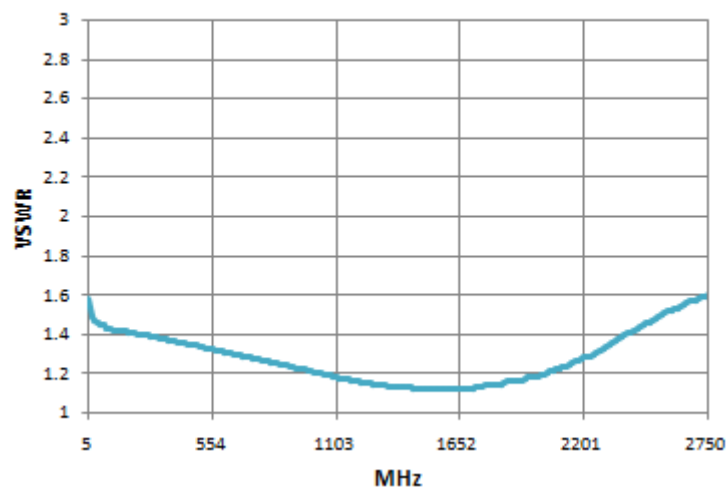
VSWR-S



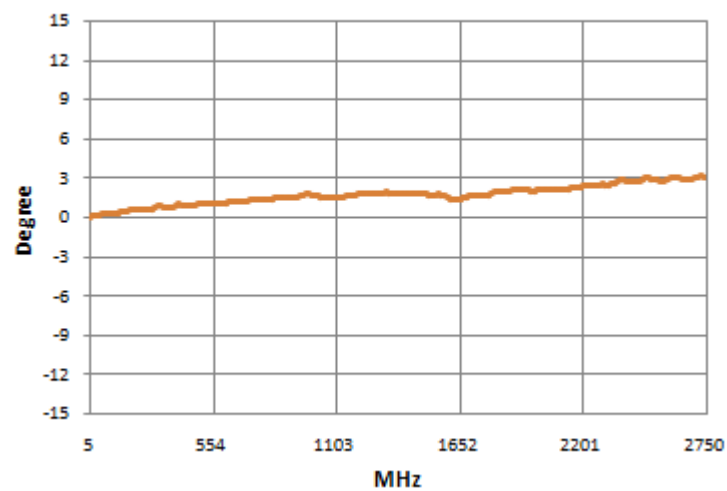
VSWR-1

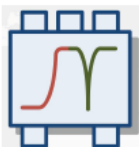


VSWR-2

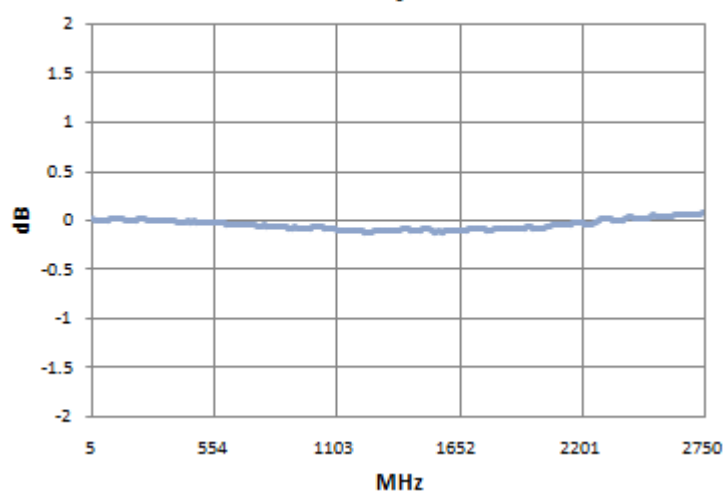


Phase





Amplitude



Isolation

