

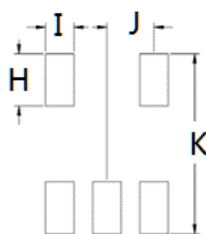
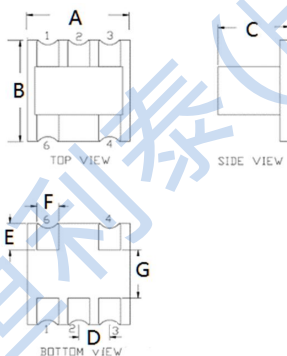
5-200MHz 75Ω 4:1 Ratio Balun

- Ideally suitable for CATV broadband applications.

- Surface mount

- Impedance ratio: 4:1
- Excellent performance under DC bias current, also when current flows is imbalanced through outputs
- RoHS compliant and Pb free
- Available on tape and reel

Land Pattern



A	B	C	D	H	I	J
4.21	4.21	2.60	1.27	1.40	0.76	1.27
E	F	G		K		
1.11	0.90	2.00		4.83		

Tolerance: .xx $\pm$ 0.25. .xxx $\pm$ 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2 / P3)			75 / 9.375/ 9.375		Ohm
Insertion Loss	5-35MHz		0.8	1.1	dB
	35-85MHz		1.1	1.6	dB
	85-200MHz		2.2	3.6	dB
Phase Balance	5-85MHz		2.0	4.0	Deg
	85-200MHz		4.0	5.0	Deg
Amplitude Balance	5-85MHz		0.2	0.4	dB
	85-200MHz		0.4	0.8	dB
Input Return Loss (pin6)	5-35MHz	15.0	19.0		dB
	35-85MHz	10.0	13.0		dB
	85-200MHz	5.0	8.0		dB

6
PRI
4

1
2
3
SEC

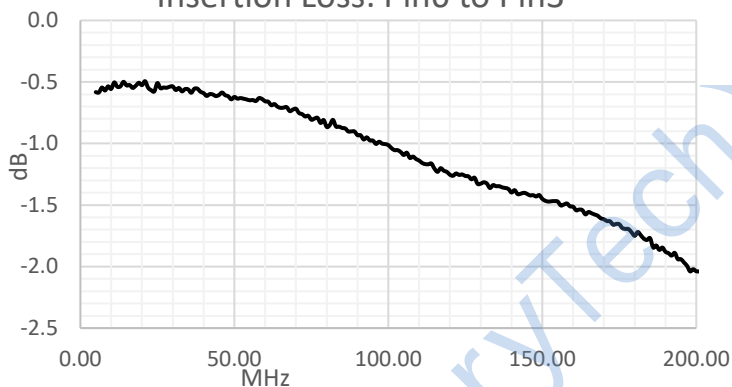
Pin No.	Function
1	Secondary Dot (output1)
2	Center tap (ground)
3	Secondary (output2)
4	Primary (ground)
5	Not used(ground)
6	Primary Dot (input)

Parameter	Value
Input RF Power	1W Max
DC current	250mA Max
Operating Temperature Range	-40 to 85℃
Storage Temperature Range	-40 to 85℃

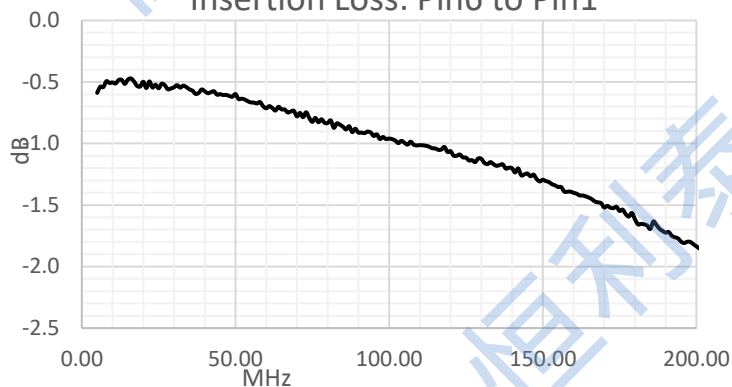


TEST CURVE

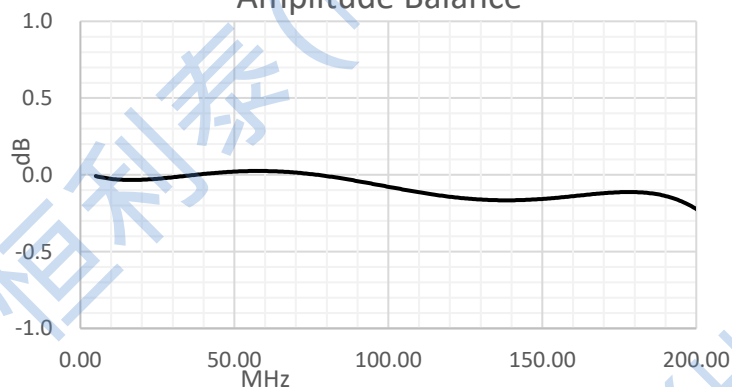
Insertion Loss: Pin6 to Pin3



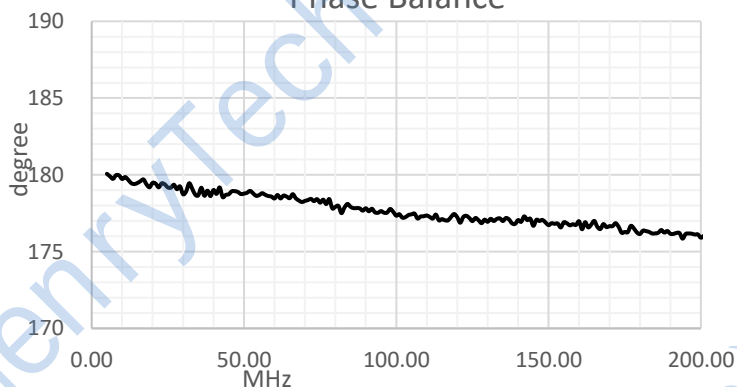
Insertion Loss: Pin6 to Pin1



Amplitude Balance



Phase Balance



Output Return Loss

