

# SMD Balun

## Fixed Balun for Surface Mounting

## 1:1 Balun Transformer

### Features

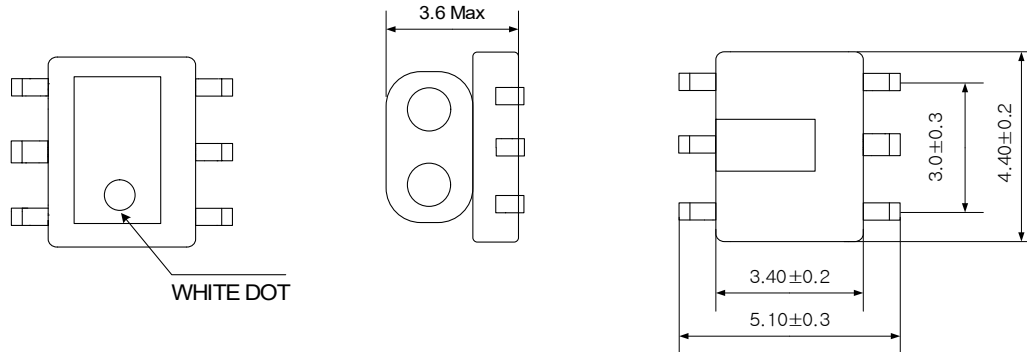
- 1:1 Step Down Balun Transformer



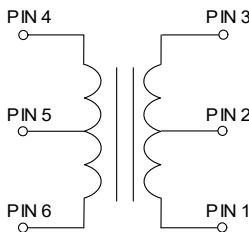
### Applications

- This transformer is ideally suited for CATV Broadband applications

### Dimensions (Unit:mm)

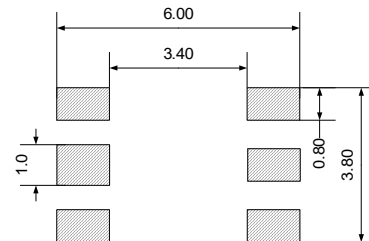


### Schematic



Pin No.	Function
1	Secondary
2	Secondary Center Tap
3	Secondary Dot
4	Primary dot
5	Primary Center Tap
6	Primary

### Recommended Land Pattern(Unit:mm)



### Electrical Characteristics

Parameter	Conditions	Units	Min	Typ	Max
Insertion Loss1 (Pin4-Pin3)	5-60MHz	dB	-	0.4	0.6
	60-150MHz	dB	-	0.9	1.1
	150-200MHz	dB	-	1.3	1.7
Insertion Loss2 (Pin4-Pin1)	5-60MHz	dB	-	0.4	0.6
	60-150MHz	dB	-	0.6	0.8
	150-200MHz	dB	-	0.7	1.0
Amplitude Balance	5-60MHz	dB	-	0.02	±0.1
	60-200MHz	dB	-	0.60	±0.5
Phase Balance	5-60MHz	°	-	2.5	4.0
	60-200MHz	°	-	7.5	9.5
Input Return Loss (Pin4-Pin1)	5-60MHz	dB	19	23	-
	60-200MHz	dB	10	15	-

#### ※Test Equipment

\*Network Analyzer : E5071B

\*Specifications subject to change without notice. Please check our website for latest information.

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