

SMD Balun

Fixed Balun for Surface Mounting

4:1 Balun Transformer

Features

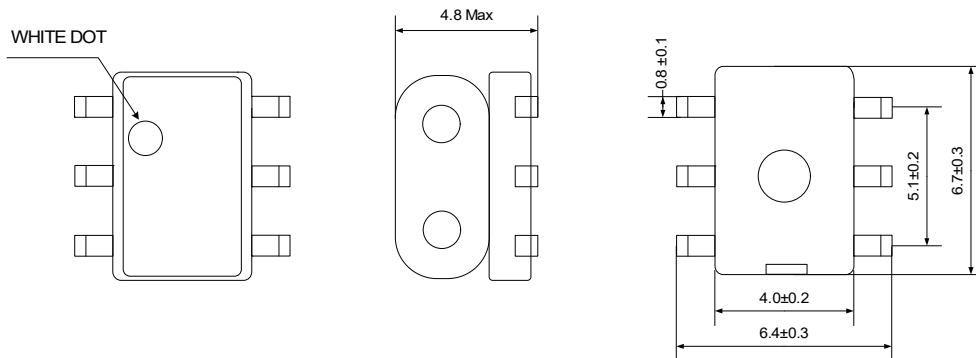
- 4:1 Step Down Balun Transformer



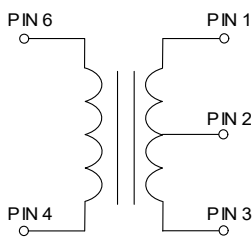
Applications

- This transformer is ideally suited for CATV Broadband applications

Dimensions (Unit:mm)

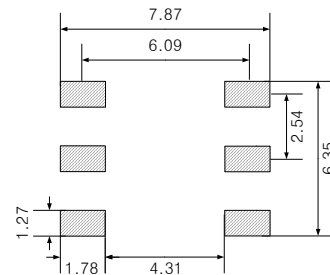


Schematic



Pin No.	Function
1	Secondary Dot(output1)
2	Ground (center tap)
3	Secondary (output2)
4	Primary(RF ground)
5	Ground(not used)
6	Primary dot(input)

Recommended Land Pattern(Unit:mm)



Electrical Characteristics

Parameter	Conditions	Units	Min	Typ	Max
Insertion Loss1 (Pin6-Pin1)	5-50MHz	dB	-	0.4	0.8
	50-150MHz	dB	-	1.0	2.2
	150-200MHz	dB	-	2.0	4.5
Insertion Loss2 (Pin6-Pin3)	5-50MHz	dB	-	0.4	0.8
	50-150MHz	dB	-	1.1	2.5
	150-200MHz	dB	-	2.4	5.0
Amplitude Balance	5-50MHz	dB	-	0.0	±0.4
	50-150MHz	dB	-	0.0	±1.0
	150-200MHz	dB	-	0.3	±1.4
Phase Balance	5-50MHz	°	-	0.6	±4.0
	50-200MHz	°	-	0.8	±9.0
Input Return Loss (Pin6)	5-25MHz	dB	17	20	-
	25-50MHz	dB	12	15	-
	50-150MHz	dB	5	9	-
	150-200MHz	dB	3	5	-

※Test Equipment

*Network Analyzer : E5071B

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

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