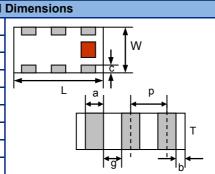
"High Frequency Ceramic Solutions"

2.45 GHz BalunDetail Specification: 1/18/2019 PAGE 1 of 3 PAGE 2450BL15B050 Page 1 of 3

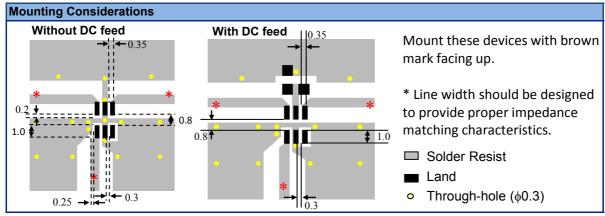
General Specifications						
Part Number	2450BL15B050	Phase Difference (degree)	180 ± 10			
Frequency (MHz)	2400~2500	Amplitude Difference	2 dB max.			
Unbalanced Impedence	50 Ω	Operating Temperature	-40 to +105°C			
Differential Balanced Imp.	50 Ω	Storage Temperature	-40 to +105°C			
Insertion Loss	1.0 dB max.	Reel Quanity	4000			
Return Loss	9.5 dB min.	Power Capacity	3.0 watts max.			

Mechanical						
	In	mm				
L	0.079 ± 0.004	2.00 ± 0.10				
W	0.049 ± 0.004	1.25 ± 0.10				
Т	0.033 ± 0.004	0.85 ± 0.10				
а	0.012 ± 0.004	0.30 ± 0.10				
b	0.008 ± 0.004	0.20 ± 0.10				
С	0.012 +.004/006	0.30 +0.1/-0.2				
g	0.014 ± 0.004	0.35 ± 0.10				
р	0.026 ± 0.002	0.65 ± 0.05				



Tei	Terminal Configuration				
No	Function				
1	Unbalanced Port				
2	GND or DC feed				
3	Balanced Port				
4	Balanced Port				
5	GND				
6	NC				
3 2 1					

Packaging Considerations						
P/N Suffix	Packing Style	Bulk	Suffix = S	eg. 2450BL15B050S		
		T&R	Suffix = E	eg. 2450BL15B050E		
	Evaluation Board		2450BL15B050-EB1SMA			



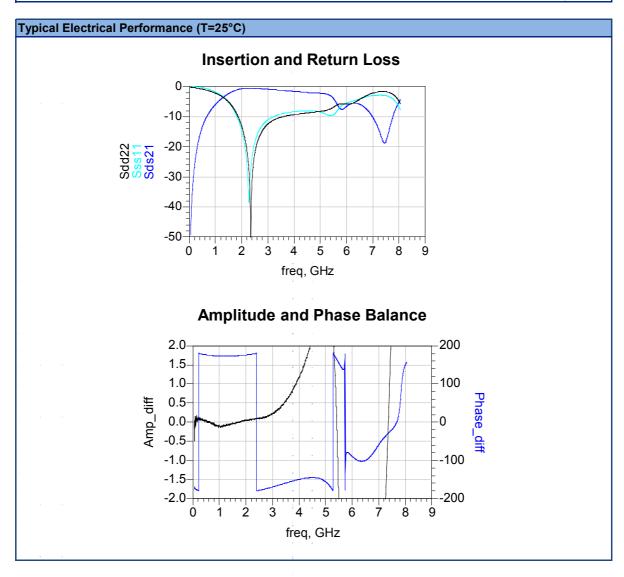
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2.45 GHz Balun P/N 2450BL15B050

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More Balun info at:

www.johansontechnology.com/baluns

RoHS Compliance

www.johansontechnology.com/rohs-compliance

Packaging information

www.johansontechnology.com/tape-reel-packaging

Soldering Information

www.johansontechnology.com/ipcsoldering-profile

Layout Files, s-parameters and any other technical questions

www.johansontechnology.com/ask-a-question

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Recommneded Storage Condition and Max Shelf Life

www.johansontechnology.com/recommended-storage-conditions

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www.johansontechnology.com/tuning

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