

1550 MHz Balun

P/N 1550BL15A0075

Detail Specification: 12/21/09

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General Specifications

Part Number	1550BL15A0075	Operating Temperature	-40 to +85°C
Frequency (MHz)	950 ~ 2150	Storage Temperature Range	+5~+35°C, 12 mos. max. Humidity 45~75%RH
Unbalanced Impedance	75 Ω		
Balanced Impedance	75 Ω	Reel Quantity	4,000
Insertion Loss	1.5 dB max.	Power Capacity	0.5W max.
Return Loss	9.5 dB min.	Amplitude Difference	1.4 dB max.
Phase Difference (degree)	180 ± 10		

P/N Suffix	Packing Style	Bulk	Suffix = S	eg. 1550BL15A0075S
		T & R	Suffix = E	eg. 1550BL15A0075E
Evaluation Board		1550BL15A0075-EB1SMA		

Mechanical Dimensions

	In	mm
L	0.079 ± 0.004	2.00 ± 0.10
W	0.049 ± 0.004	1.25 ± 0.10
T	0.037 ± 0.004	0.95 ± 0.10
a	0.012 ± 0.004	0.30 ± 0.10
b	0.008 ± 0.004	0.20 ± 0.10
c	0.012 +.004/-0.008	0.30 +0.1/-0.2
g	0.014 ± 0.004	0.35 ± 0.10
p	0.026 ± 0.002	0.65 ± 0.05

Terminal Configuration

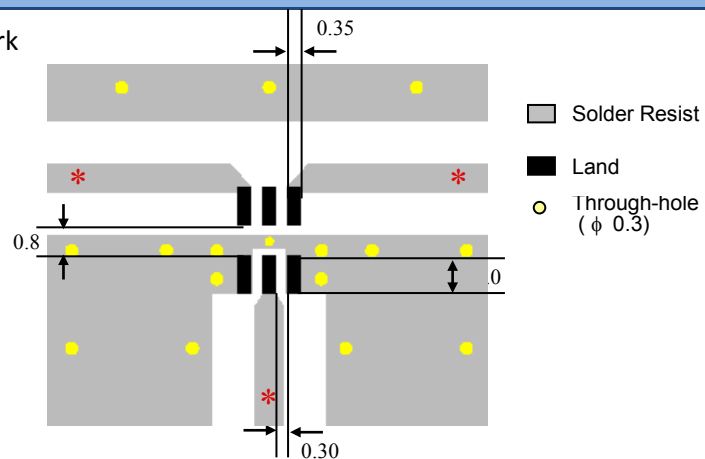
No.	Function	No.	Function
1	GND	4	Balanced Port
2	Unbalanced Port	5	NC
3	GND	6	Balanced Port

Mounting Considerations

Mount these devices with brown mark facing up.

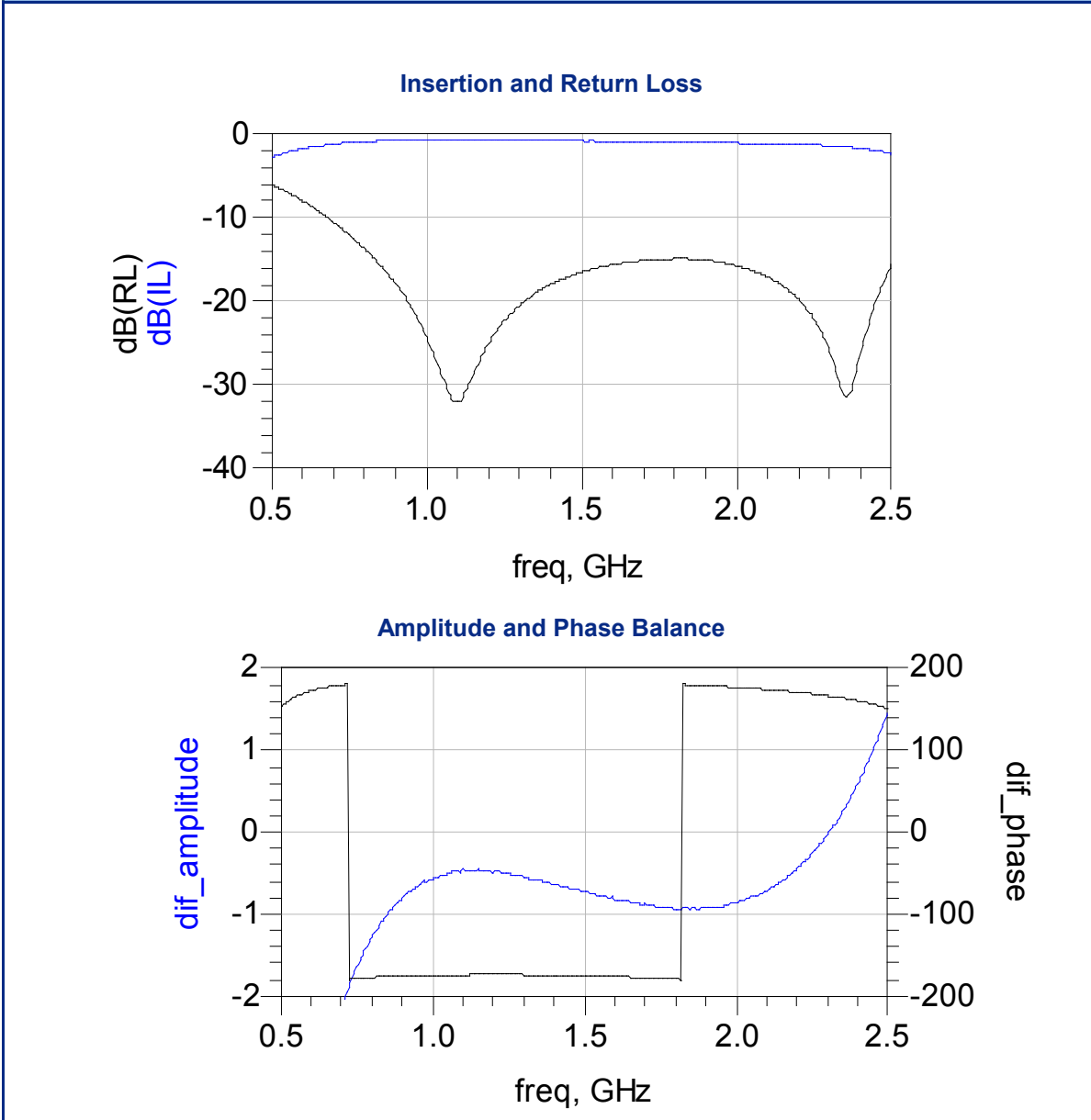
* Line width should be designed to provide proper impedance matching characteristics.

Units: mm



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Typical Electrical Performance (T=25°C)



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