5.3 GHz Balun

P/N 5325BL15B050

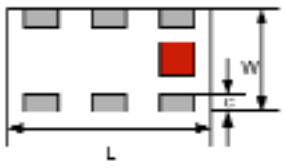
Detail Specification: 01/08/03

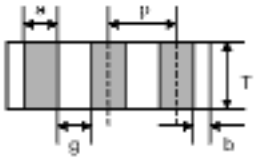
Part Number	Frequency (MHz)	Impedance Unbal. / Bal.	Insertion Loss	Return Loss	Phase Difference	Amplitude Difference
5325BL15B050_	5150 - 5500	50/50 Ω	1.0 dB	9.5 dB	180°±10°	2.0 dB

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50 /50 Ω	-40 to +85°C	4,000

Mechanical Dimensions

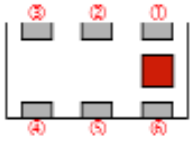
	L	W	T	a	b	c	g	p
Inches	0.079 ± .004	0.049± .004	0.034 ± .004	0.012 ± .004	0.008 ± .004	0.012 + .004/-.008	0.014 ± .004	0.026 ±.002
mm	2.0 ± 0.1	1.25 ± 0.1	0.85 ± 0.1	0.30 ± 0.1	0.20 ± 0.1	0.30+0.1/-0.2	0.35 ± 0.1	0.65 ± 0.05





Terminal Configuration

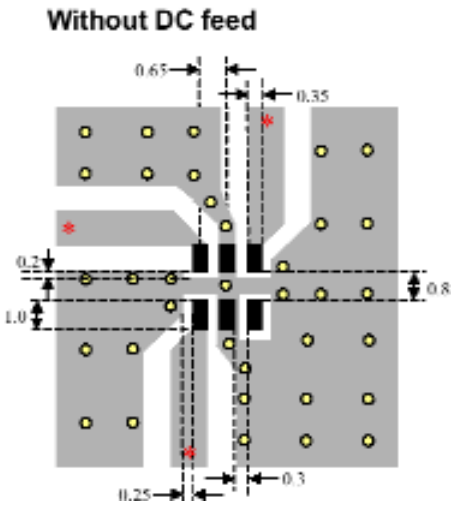
1	Unbalanced Port	4	Balanced Port
2	GND or DC Feed	5	GND
3	Balanced Port	6	NC

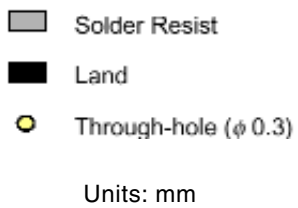


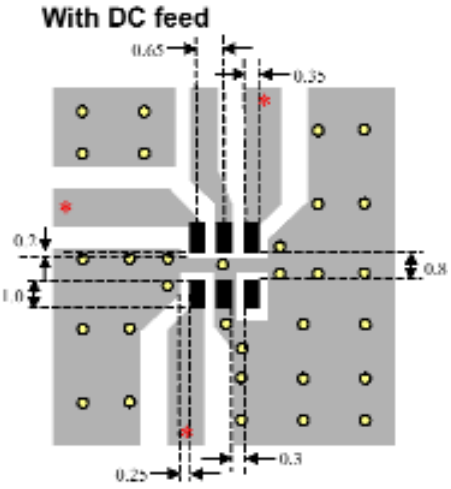
Mounting Considerations

Mount devices with colored mark facing up.

✻ Line width should be designed to provide 50Ω impedance matching characteristics.





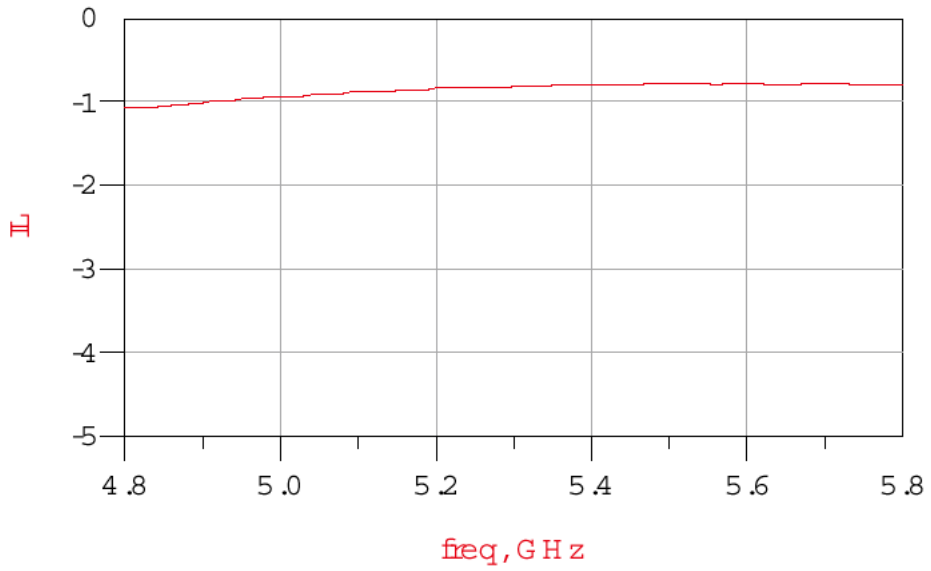


5.30 GHz Balun

P/N 5325BL15B050

Detail Specification: 01/08/03

P/N 5325BL15B050
Typical Insertion Loss



P/N 5325BL15B050
Typical Return Loss