

# "High Frequency Ceramic Solutions"

## 5.5 GHz Balun

Detail Specification: 10/23/12

P/N 5400BL15B100

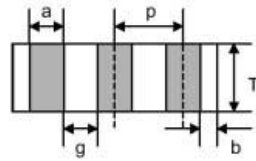
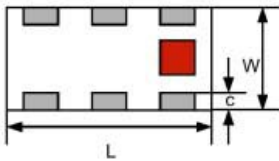
Page 1 of 2

Part Number	Frequency (MHz)	Impedance Unbal. / Bal.	Insertion Loss	Return Loss	Phase Difference	Amplitude Difference
5400BL15B100_	4900 - 5875	50/100 Ω	1.0 dB max.	9.5 dB min.	180°±10°	2.0 dB max.

Input Power	Impedance	Operating Temperature Range	Reel Qty
3 Watts max	50/100 Ω	-40 to +85°C	4,000

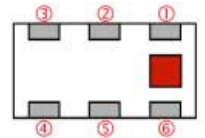
### Mechanical Dimensions

	L	W	T	a	b	c	g	p
Inches	0.079 ± .004	0.049 ± .004	0.037 ± .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	0.95 ± 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

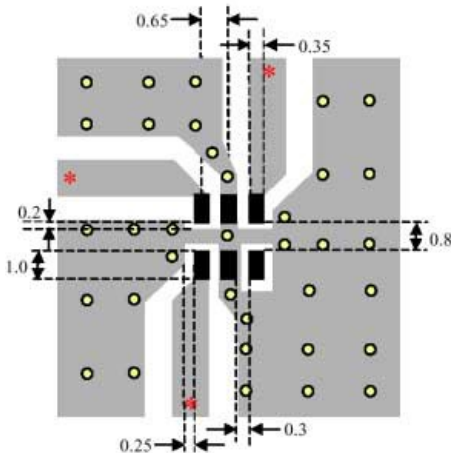
1 Unbalanced Port	4 Balanced Port
2 GND or DC Feed	5 GND
3 Balanced Port	6 NC



### Mounting Considerations

Mount devices with colored mark facing up.

#### Without DC feed

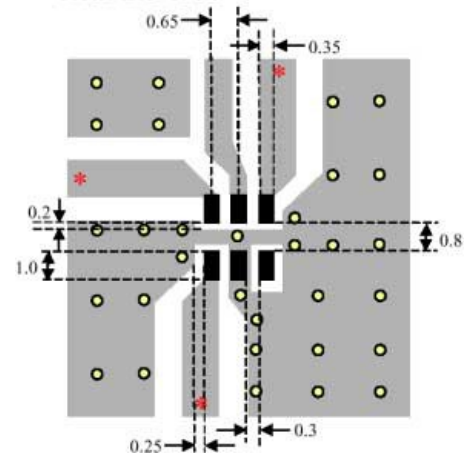


\* Line width should be designed to provide 50Ω impedance matching characteristics.

- Solder Resist
- Land
- Through-hole (φ 0.3)

Units: mm

#### With DC feed



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Page 2 of 2

