

Preliminary Data Sheet

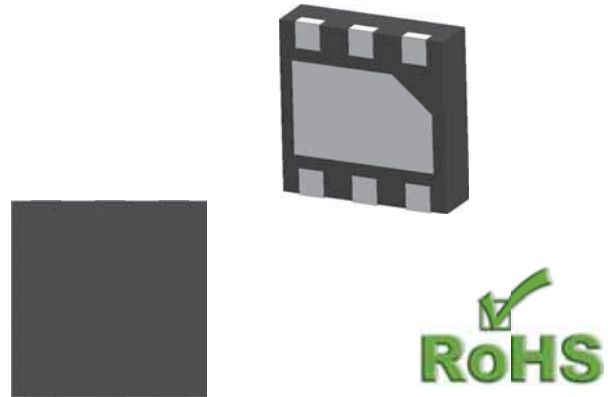
BD2400U510-1366

Ultra Low Profile 1366 Balun
50Ω to 100Ω Balanced



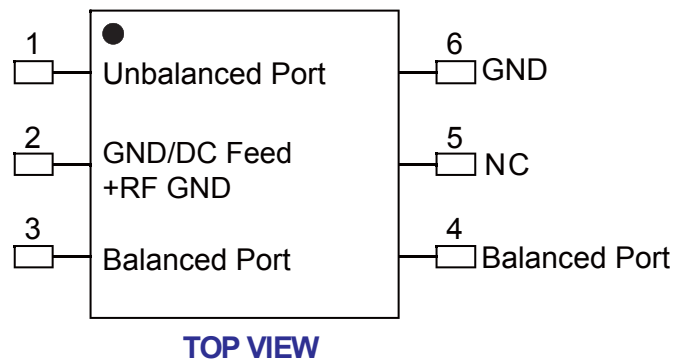
Features:

- 2100~2500 MHz
- 0.85mm Height Profile
- 50Ω to 2x50 Ω
- High CMRR
- Low Insertion Loss
- Input to Output DC Isolation
- Surface Mountable
- Tape & Reel
- Non-conductive Surface
- RoHS Compliant



Applications

- WiMAX
- GPS
- UWB
- Bluetooth
- Zigbee
- GSM



Electrical Specifications at 25° C

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	F	2100		2500	MHz
Unbalanced Port Impedance			50		Ω
Balanced Port Impedance			100		Ω
Return Loss	RL		10		dB
Insertion Loss	IL		1	1.3	dB
Amplitude balance	Abal		0.5	0.7	dB
Phase balance	Φ bal		2	4	deg
CMRR			30		dB

Yantel Corporation

Add : Floor 2, Building 2, Gaofa Technology Park, Longjing, Nanshan, Shenzhen, China
 Tel : 86-755-8355-1886 Fax : 86-755-8355-2533
 For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

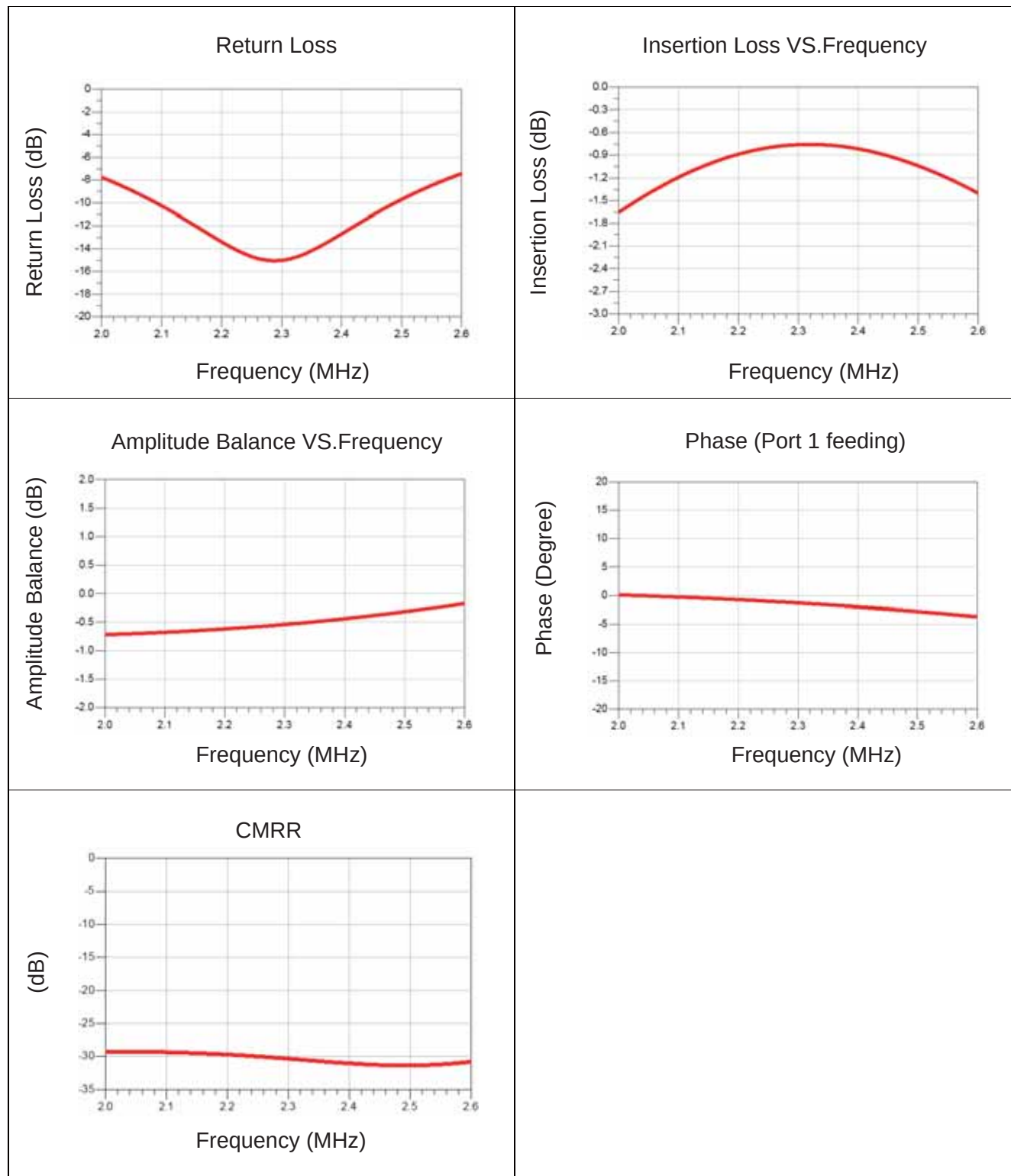
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Typical Performance (25°C: 2000-2600 MHz)



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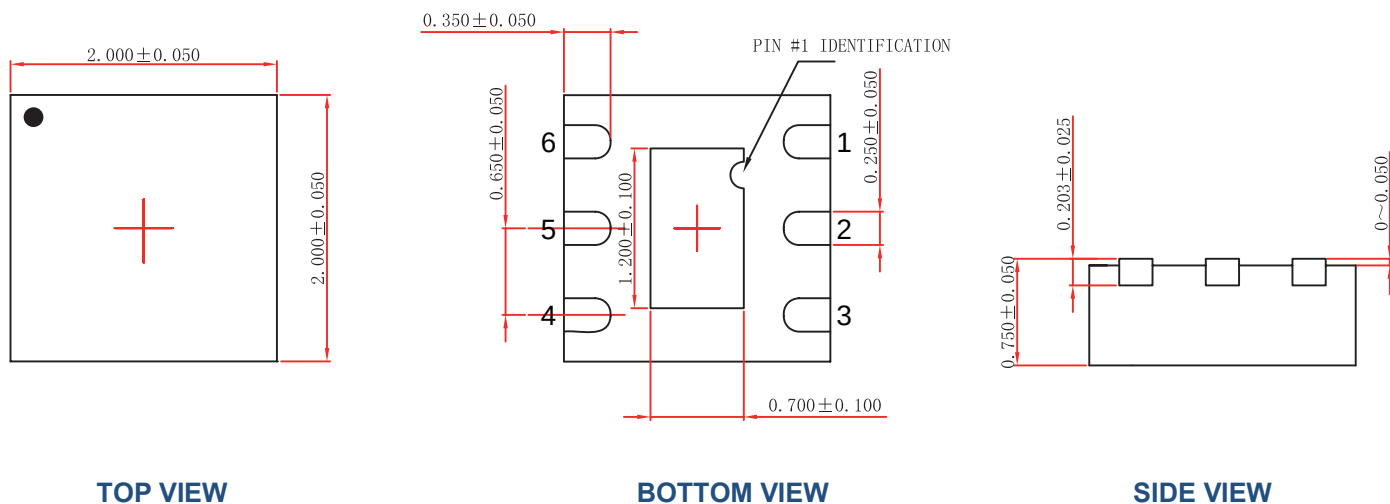
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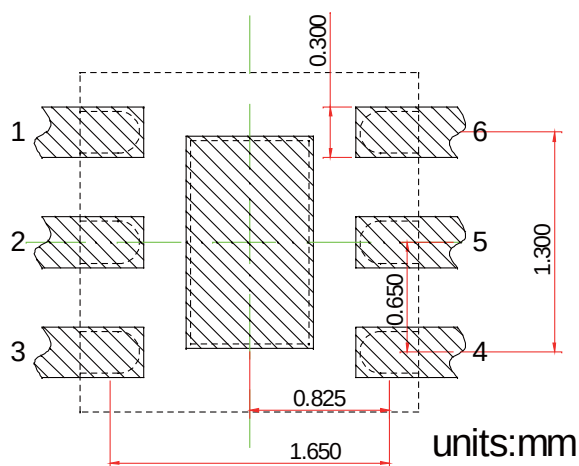
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Outline Drawing



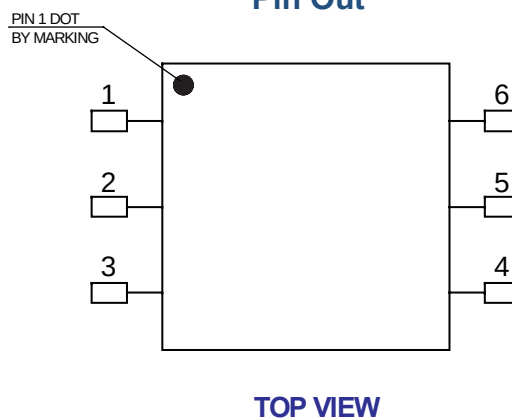
Land Pattern



Recommended Land Pattern Top View

Notes: All dimensions show in millimeters

Pin Out



Pin #	Connection
1	Unbalanced Port
2	GND/DC Feed+RF GND
3	Balanced Port
4	Balanced Port
5	NC
6	GND

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