

Data Sheet

DC0850U20-122

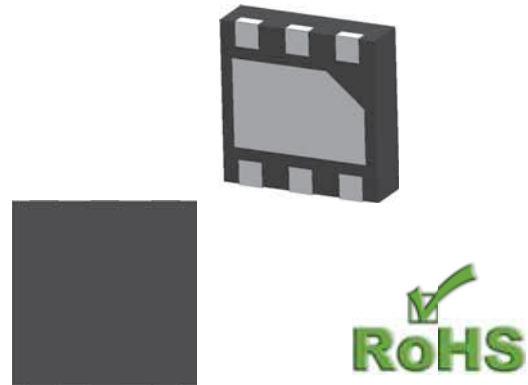
Directional Coupler

750 MHz-950 MHz



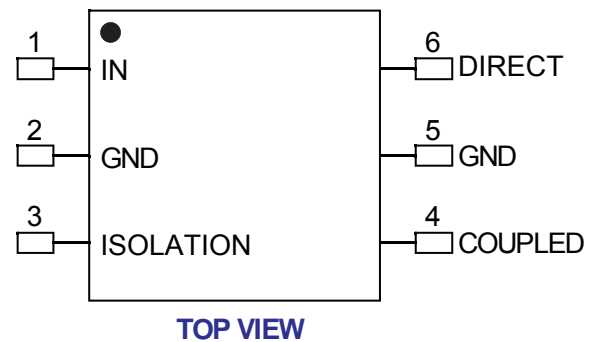
Features

- Small Size (2×2mm)
- Very Low Loss
- Excellent directivity
- Broad frequency coverage
- High Isolation
- Low VSWR
- Good Repeatability
- Tape & Reel
- Power handling:5 watts



Applications

- Phase shifter / Attenuator
- Balanced amplifier / LNA configurations
- Modulators
- Mixers
- Power combining /dividing



Electrical Specifications at 25° C

Part No.	Freq. Range (MHz) FL~FU	Power (W)	Size LxW (mm)	Coupling (dB)	Insertion loss (dB)	VSWR(:1)	Directivity (dB)
DC0850U20-122	750~800	5	2X2	20.7~20.9	0.06	1.06	10.9
	800~850			20.2~20.6	0.09	1.06	10.9
	850~900			19.8~20.1	0.11	1.06	10.8
	900~950			19.1~19.6	0.09	1.06	10.7

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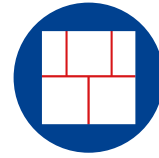
Add : 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China
 Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

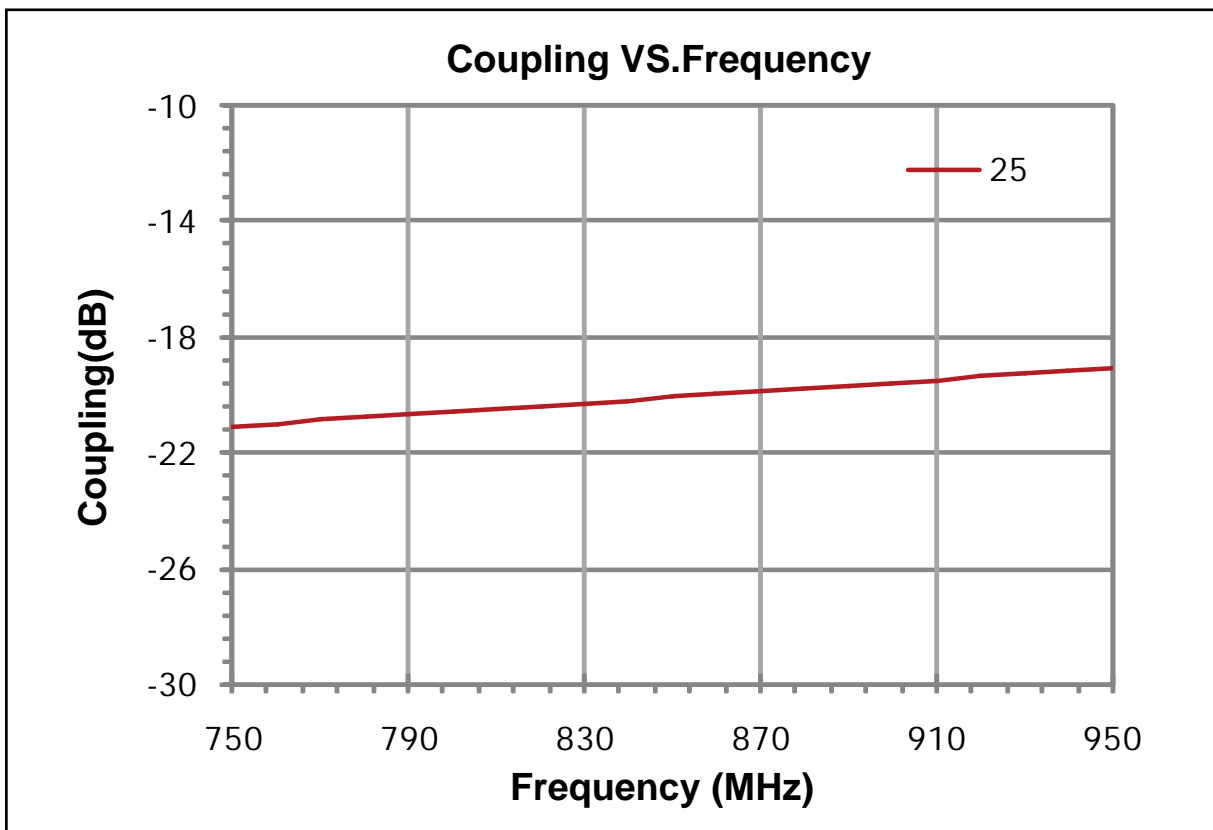
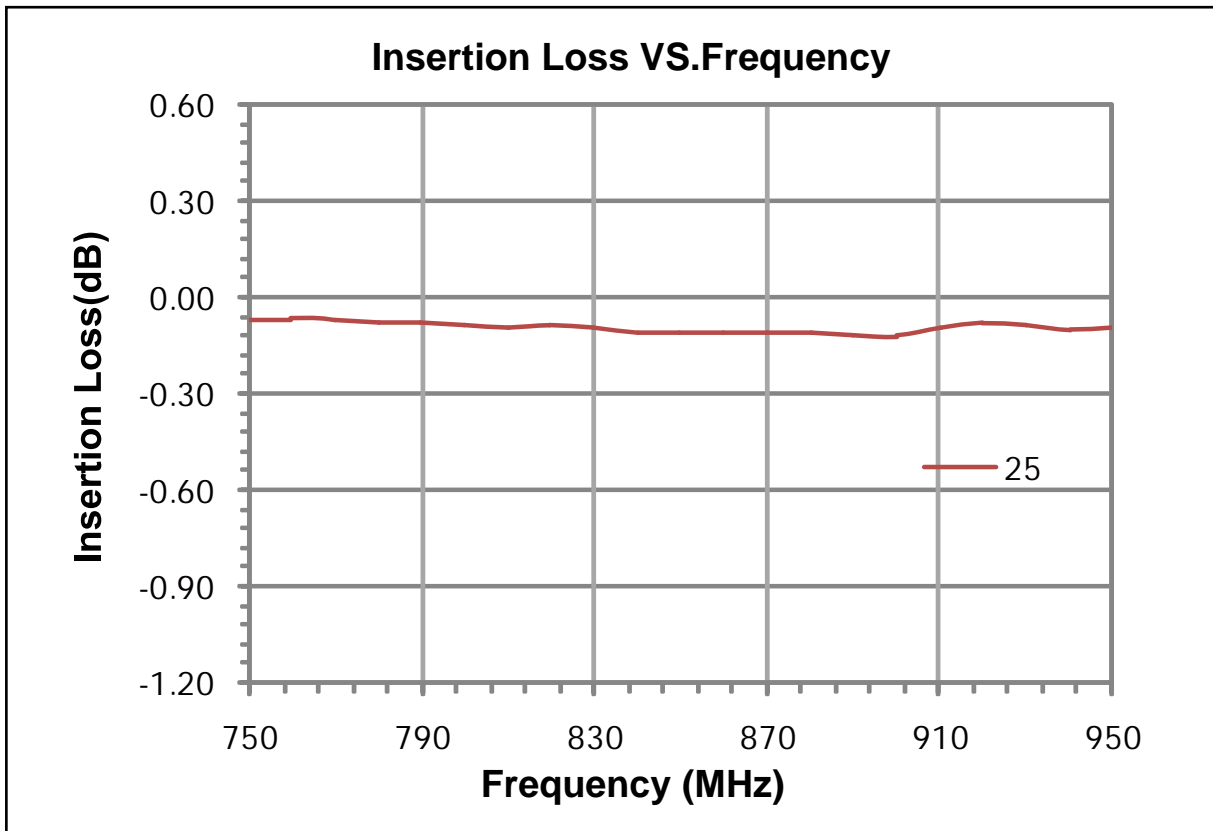
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Key Patents Lead Microwave Tech



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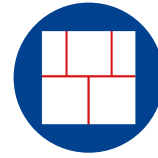
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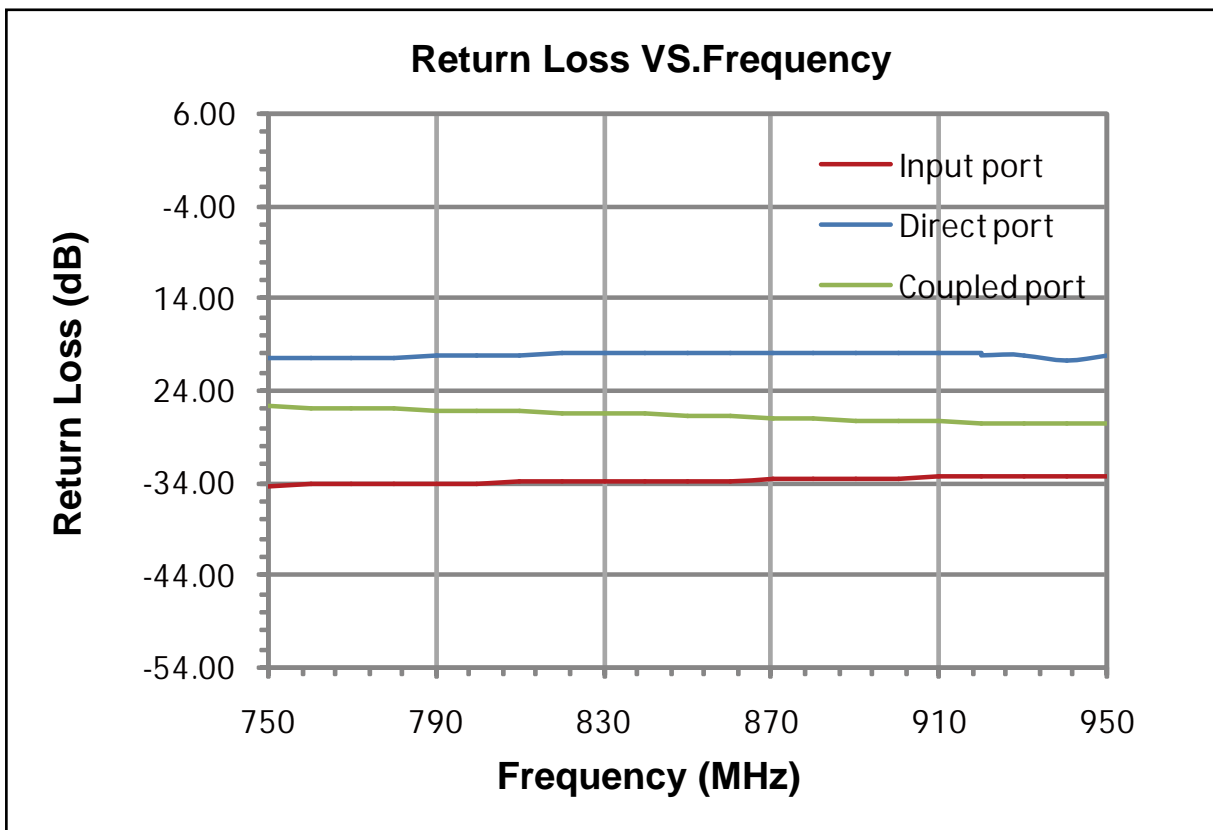
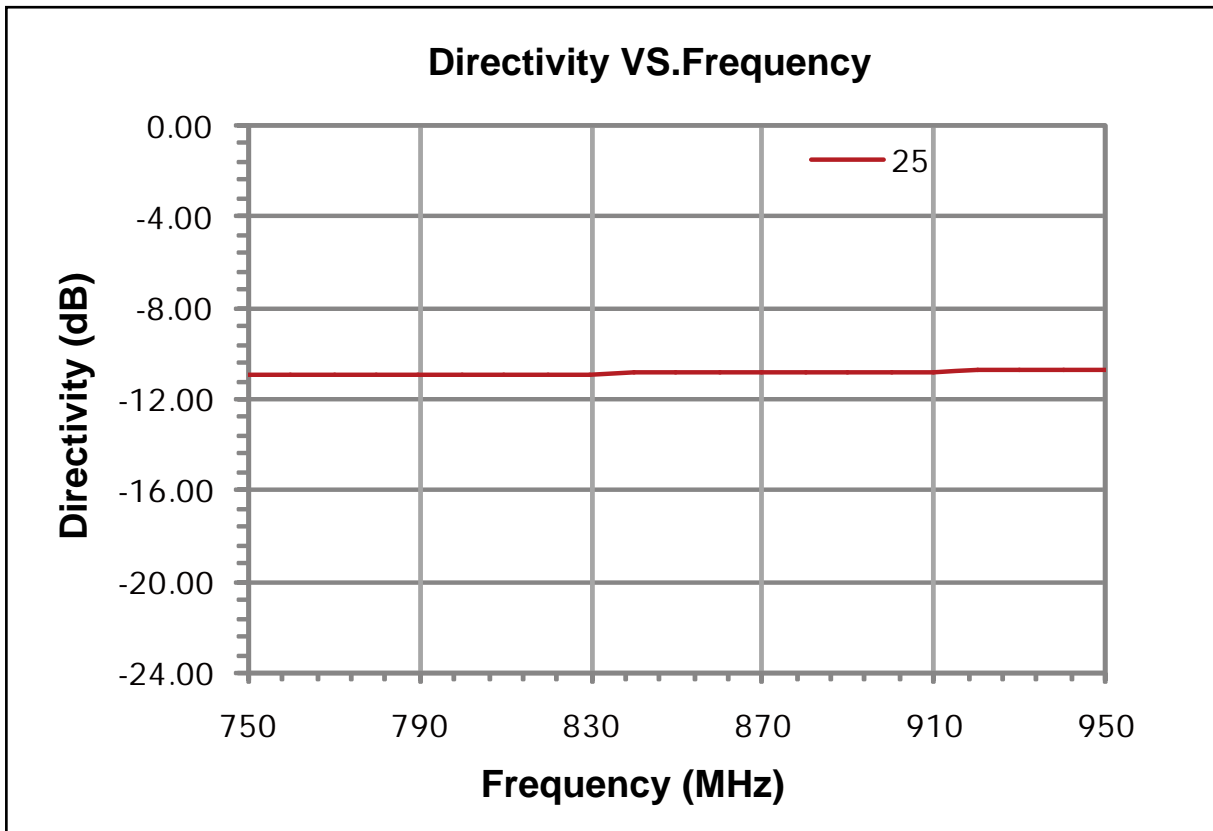
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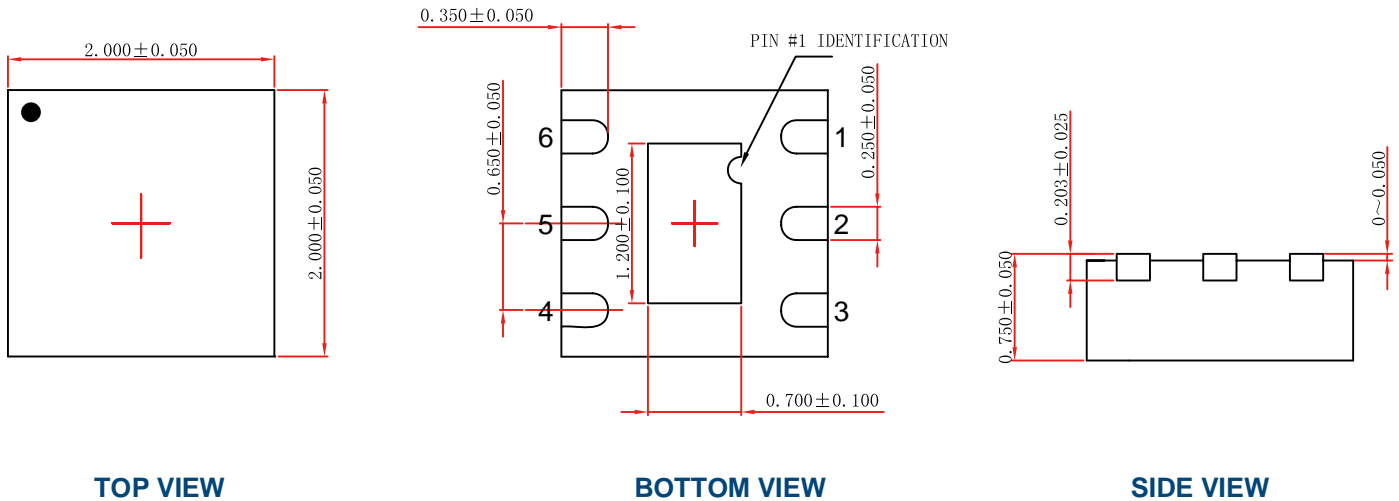
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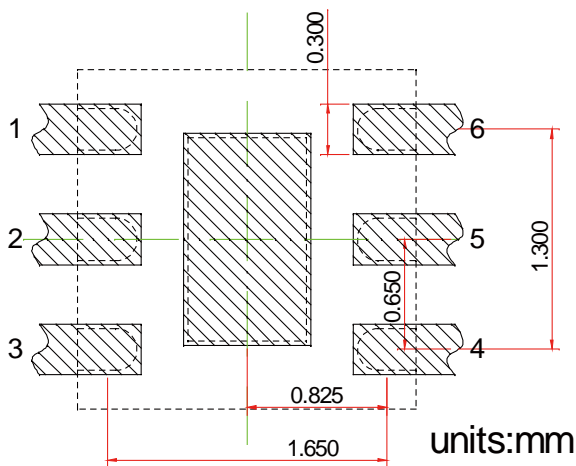
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Outline Drawing



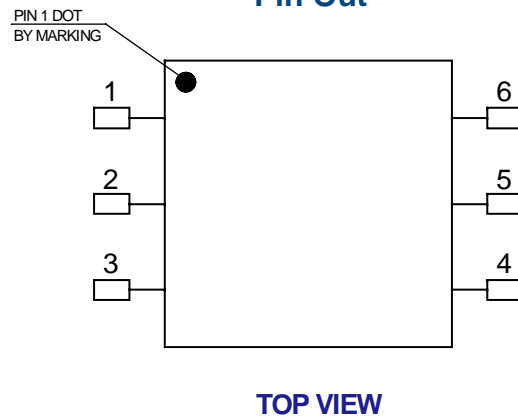
Land Pattern



Recommended Land Pattern Top View

Notes: All dimensions show in millimeters

Pin Out



Pin #	Connection
1	IN
2	GND
3	ISOLATION
4	COUPLED
5	GND
6	DIRECT

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