

H3-1-1-5100M+

1-5100MHz 50Ω 1:1Ratio

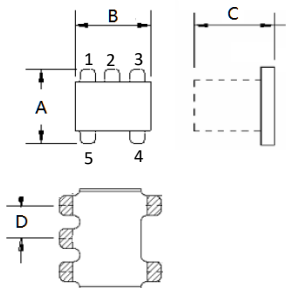
APPLICATIONS

- balanced to unbalanced transformation
- push-pull amplifiers
- PCS/DCS,MMDS

FEATURES

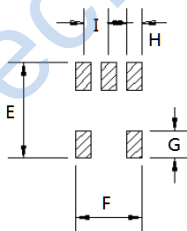
- Surface mount
- Impedance ratio: 1:1
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS



A	B	C
3.81	3.81	2.90 Max
D		
1.27		

Land Pattern



E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25℃:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			50		Ohm
Insertion Loss	5-825MHz		2.2	5.0	dB
	825-2475MHz		5.3	12.0	dB
	2475-4125MHz		8.4	20.0	dB
	4125-5100MHz		12.0	25.0	dB
Return Loss	5-825MHz	8.0	13.0		dB
	825-2475MHz	5.0	8.0		dB

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Secondary Dot
2	Not Used
3	Secondary
4	Primary Dot
5	Primary

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	250mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85℃
Storage Temperature Range	-55 to 100℃

TEST CURVE



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