

H3-B100-1-1-200M

1-200MHz 100Ω 1:1Ratio

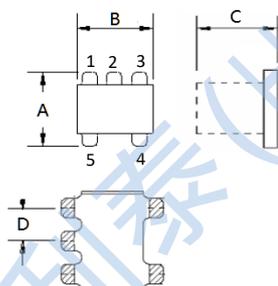
APPLICATIONS

- 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

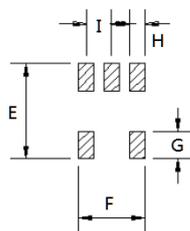


A	B	C
3.81	3.81	4.0 Max
D		
1.27		

Unless otherwise stated dimensions are in mm

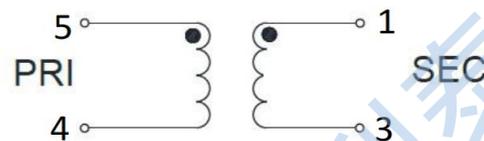
Tolerance: .xx ± 0.25, .xxx ± 0.05

Land Pattern



E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

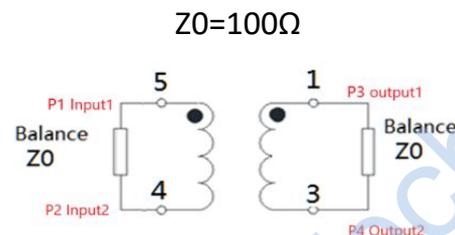
FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

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

APPLICATION & TEST CIRCUIT



ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	1W Max
DC Current	200mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 100°C

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			100		Ohm
Impedance ratio(pri:sec)			1:1		
Insertion Loss	1-100MHz		0.4	0.8	dB
Return Loss	1-100MHz	15	20		dB

TEST CURVE



Tel: +86-28-85589664

E-mail: mr_li@henglitaitech.com

Web: www.hltchips.com

Address: Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No. 50, Shuxi Road, Jinniu District, Chengdu City