

H3-B50-1-0.25-750M

0.25-750MHz 50Ω 1:1 Balun

• APPLICATIONS

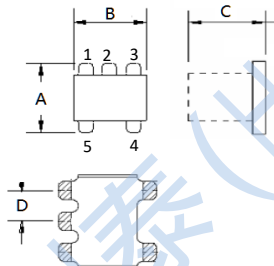
• Ideally suited for high volume cellular and wireless applications.

• FEATURES

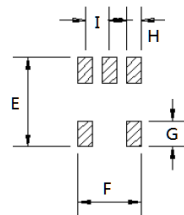
- Surface mount
- Impedance ratio: 1:1
- Available on tape and reel
- RoHS compliant and Pb free
- 260°C reflow compatible
- CT on Secondary

DIMENSIONS

Land Pattern



A	B	C
3.81	3.81	2.9Max
D		
1.27		



E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

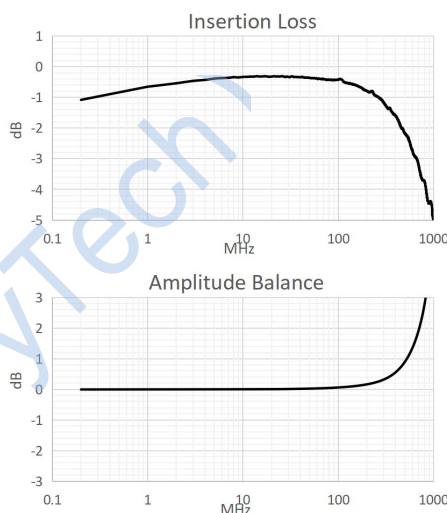
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2 / P3)			50/25/25		Ohm
Insertion Loss	1-100MHz		0.5	1.0	dB
	0.5-300MHz		1.1	2.0	dB
	0.4-500MHz		2.2	3.0	dB
	0.25-750MHz		3.0	4.0	dB

TEST CURVE



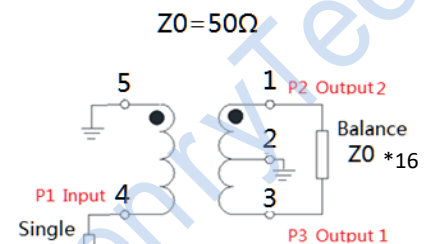
FUNCTIONAL SCHEMATIC



Pin Configuration

Pin No.	Function
1	Secondary Dot
2	Secondary CT
3	Secondary
4	Primary
5	Primary Dot

APPLICATION & TEST CIRCUIT



ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	250mW MAX
DC Current	250mA MAX
Operating Temperature Range	-40 to 85°C

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