



H3-MABA-008639-TC41T7

6-1000MHz 50Ω 1:4 Ratio Balun

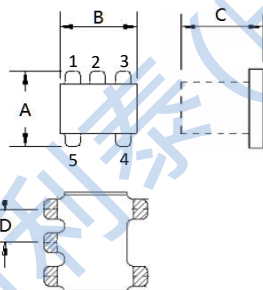
• APPLICATIONS

- Ideally suited for high volume cellular and wireless applications.

• FEATURES

- Surface mount
- Impedance ratio: 1:4
- Centre tap on secondary
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS

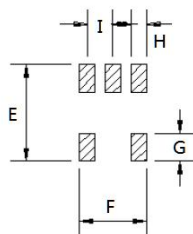


A	B	C
3.81	3.81	2.75
D		
1.27		

Unless otherwise stated dimensions are in mm

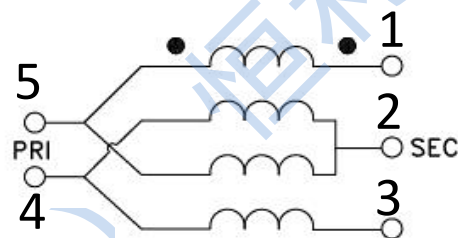
Tolerance: .xx ± 0.25, .xxx ± 0.05

Land Pattern



E	F	G
4.83	3.30	1.40
H	I	
0.76	1.27	

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

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

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			50		Ohm
Insertion Loss	6-600MHz		1.2	2.0	dB
	600-10000MHz		1.8	3.0	dB
Amplitude Unbalance	6-1000MHz		0.5	1.0	dB
Phase Unbalance	6-1000MHz		3.4	10.0	°

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
DC Power	250mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 125°C

TEST CURVE

