

H3-TC4-14+

200-1400MHz 50Ω 1:4 Balun

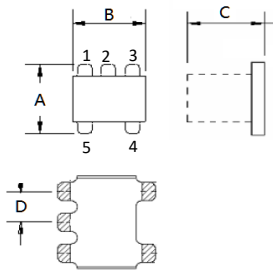
APPLICATIONS

Ideally suited for high volume cellular and wireless applications.

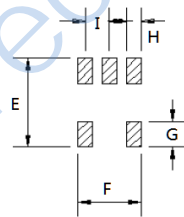
FEATURES

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

DIMENSIONS



Land Pattern



A	B	C
3.81	3.81	3.5Max
D		
1.27		

E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

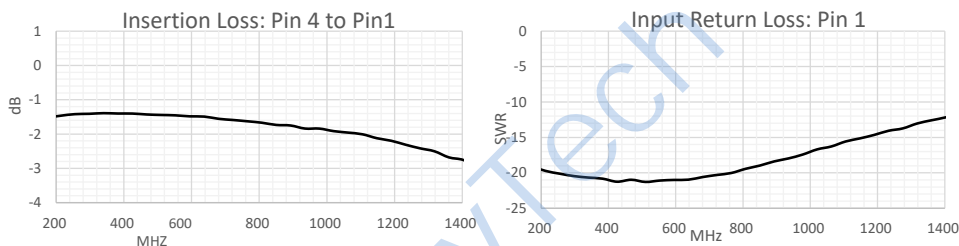
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

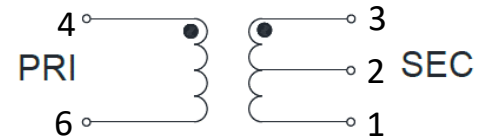
ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2 / P3)			50 / 100 / 100		Ohm
Insertion Loss	200-1400MHz		2.80	3.60	dB
Input Return Loss	200-1400MHz		12.0		

TEST CURVE



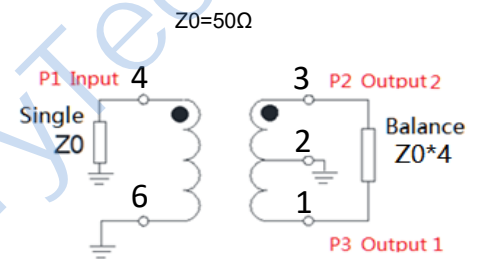
FUNCTIONAL SCHEMATIC



Pin Configuration

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

APPLICATION & TEST CIRCUIT



RF ports: P1/P2/P3

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	250mW Max
DC Current	240mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 100°C

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