

## H3-200-2000-369

200-2000MHz 50Ω 1:2 Ratio Balun

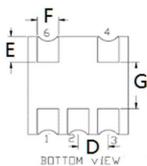
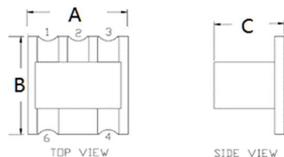
### APPLICATIONS

- balanced to unbalanced transformation

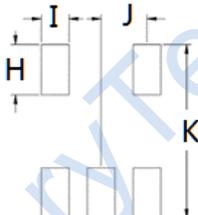
### FEATURES

- Surface mount
- Impedance ratio: 1:2
- RoHS compliant and Pb free
- Available on tape and reel

### DIMENSIONS



### Land Pattern



A	B	C	D	H	I	J
4.21	4.21	2.1Max	1.27	1.40	0.76	1.27
E	F	G		K		
1.11	0.90	2.00		4.83		

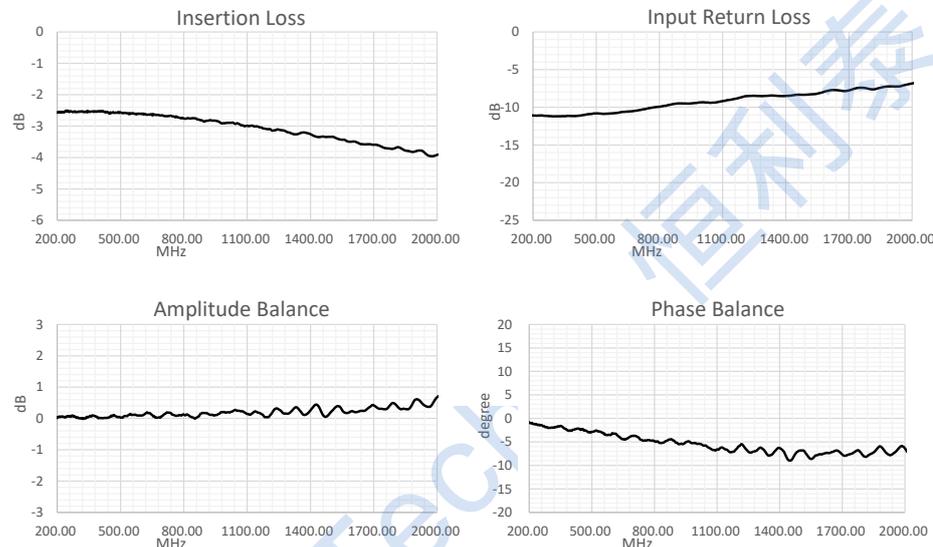
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

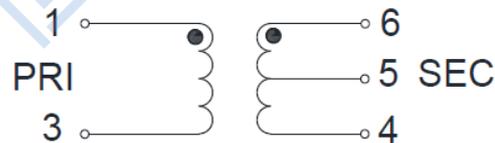
### ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1)			50		Ohm
Insertion Loss	200-2000MHz		4.1	5.0	dB
Return Loss	200-2000MHz		8.0		dB
Amplitude Balance	200-2000MHz		0.8	2	dB
Phase Balance	200-2000MHz		9.0	15	Deg

### TEST CURVE



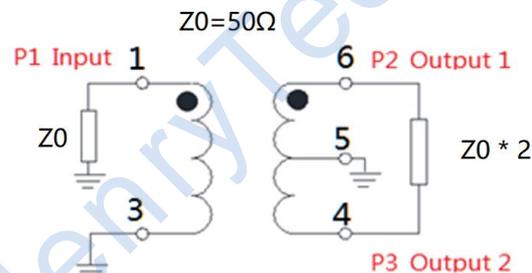
### FUNCTIONAL SCHEMATIC



### Pin Configuration

Pin No.	Function
1	Primary Dot
3	Primary
4	Secondary
5	Secondary Centre Tap
6	Secondary Dot

### APPLICATION & TEST CIRCUIT



### ABSOLUTE MAXIMUM RATINGS

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

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