

H3-800-50-1-Z

5-800MHz 50Ω 1:1Ratio Balun

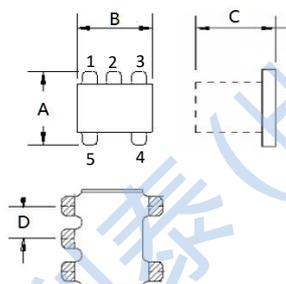
• APPLICATIONS

- balanced to unbalanced transformation
- push-pull amplifiers
- PCS/DCS,MMDS

FEATURES

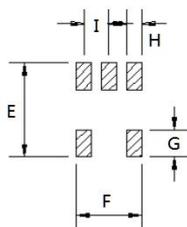
- Surface mount
- Impedance ratio: 1:1
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS



A	B	C
3.81	3.81	2.90 Max
D		
1.27		

Land Pattern



E	F	G
4.83	3.30	1.40
H	J	
0.76	1.27	

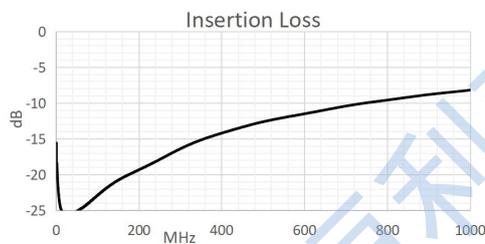
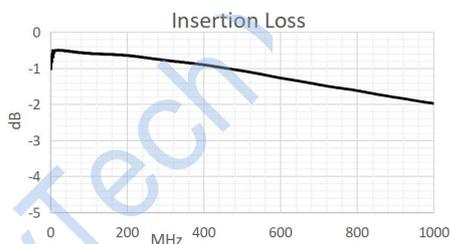
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			50		Ohm
Insertion Loss	5-800MHz		1.6	2.0	dB
Return Loss	5-800MHz	7.0	10.0		dB

TEST CURVE



FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

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

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input Power	250mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 100°C