

## H3-200-2000-387

## 200-2000MHz 50Ω 2 Way-0° Power Divider

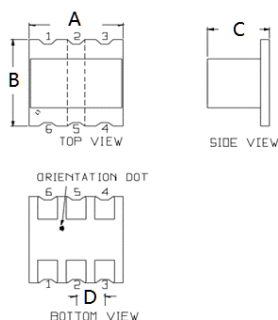
### • APPLICATIONS

• UHF/VHF receivers/transmitters and cellular

### • FEATURES

- Surface mount
- 2 Way 0 degree
- 260°C reflow compatible
- RoHS compliant and Pb free
- Available on tape and reel

### DIMENSIONS

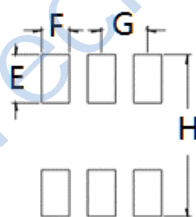


A	B	C
3.81	3.81	3.00
D		
1.27		

Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

### Land Pattern



E	F	G
1.40	0.76	1.27
H		
4.83		

### FUNCTIONAL SCHEMATIC



### PIN CONFIGURATION

Pin No.	Function
1	Ground
2	Ground
3	Output 1
4	Output 2
5	NA
6	Input

### ELECTRICAL SPECIFICATIONS@25°C:

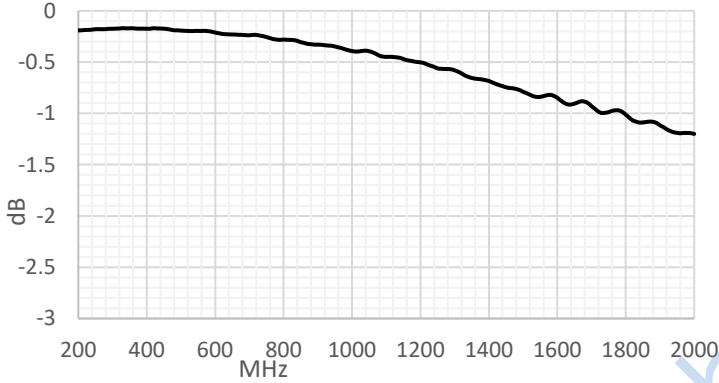
Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1)			50		Ohm
Insertion Loss (Above 3dB)	200 - 2000MHz		1.6	2.2	dB
	800 - 1000MHz		0.8	0.9	dB
	500 - 1500MHz		1.2	1.5	dB
VSWR	200 - 2000MHz		1.6	1.8	
Isolation	200 - 2000MHz	12.0	14.0		dB
	800 - 1000MHz	14.0	17.0		dB
	500 - 1500MHz	13.0	15.0		dB
Amplitude Balance	200 - 2000MHz		0.5	0.8	dB
Phase Balance	200 - 2000MHz		5	10	Deg

### ABSOLUTE MAXIMUM RATINGS

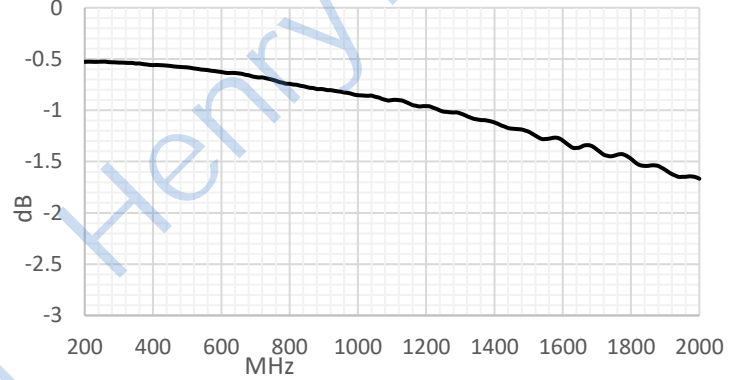
Parameter	Value
Input RF Power	0.5W Max
Internal Load Dissipation	0.125W Max
Operating Temperature Range	-40 to 85°C

## TEST CURVE

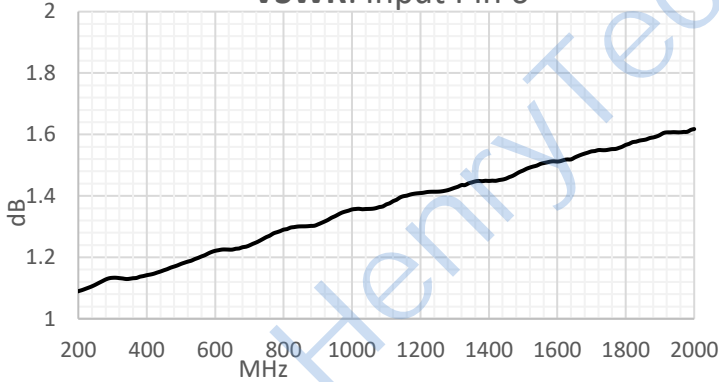
Insertion Loss: Pin 6 to Pin 4



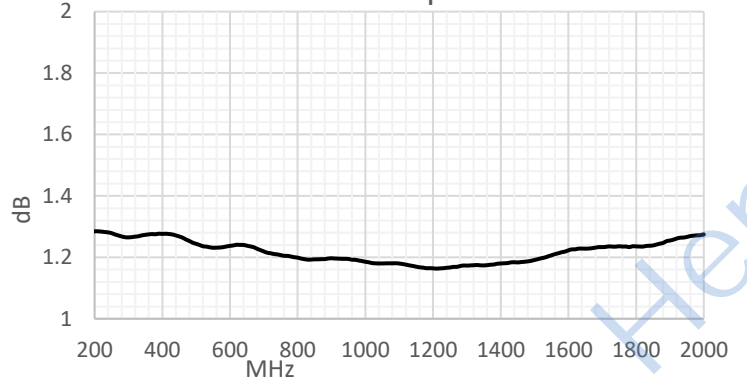
Insertion Loss: Pin 6 to Pin 3



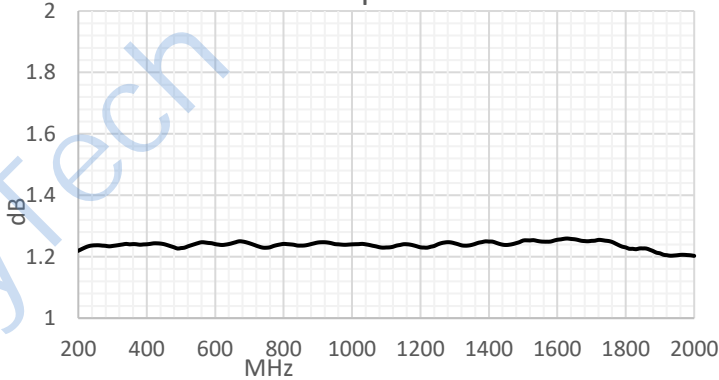
VSWR: Input Pin 6



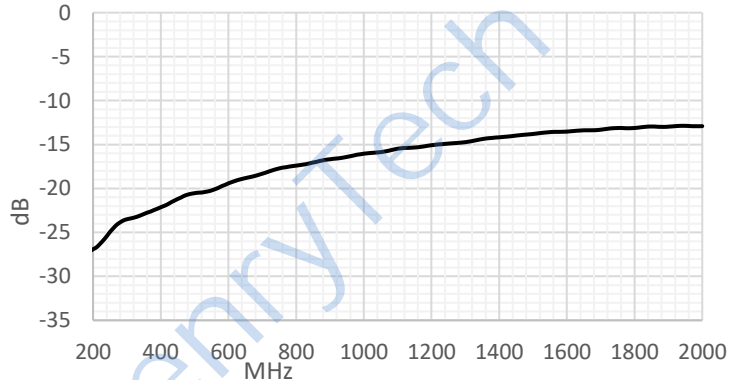
VSWR: Output 2 Pin 4



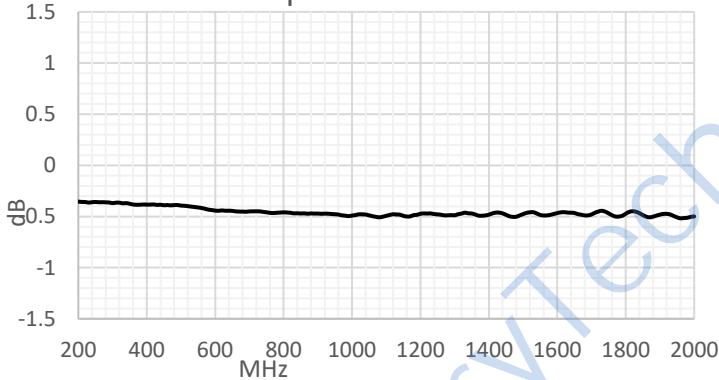
VSWR: Output 1 Pin 3



Isolation



Amplitude Balance



Phase Balance

