



H3-JPS-2-1+

1-500MHz 50Ω 2 Way Power Divider

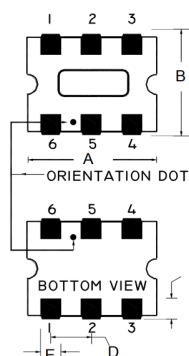
• APPLICATIONS

- Ideally suitable for VHF receivers/transmitters & instrumentation applications.

FEATURES

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

DIMENSIONS

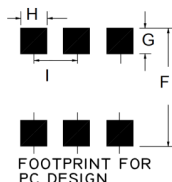


A	B	C
7.11	6.35	2.70
D	E	
2.54	1.02	

Unless otherwise stated dimensions are in mm

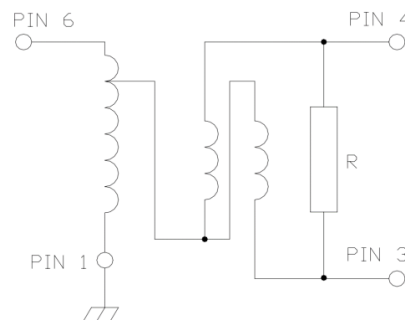
Tolerance: .xx ± 0.25, .xxx ± 0.05

PCB LAYOUT



F	G	H
7.87	1.78	1.27
I		
2.54		

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Ground
2	Not connected (ground)
3	Output 2
4	Output 1
5	Not connected (ground)
6	Input

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			50		Ohm
Insertion Loss(Above 3dB)	1-10MHz		0.5	0.8	dB
	10-250MHz		0.4	0.7	dB
	250-500MHz		0.6	0.9	dB
Isolation	1-10MHz	20	26		dB
	10-250MHz	20	25		dB
	250-500MHz	18	20		dB
Amplitude Balance	1-10MHz		0.28	0.40	dB
	10-250MHz		0.15	0.40	dB
	250-500MHz		0.20	0.50	dB
Phase Balance	1-10MHz		1	2	Deg
	10-250MHz		1	3	Deg
	250-500MHz		1	4	Deg

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input RF Power	1W Max
DC current	240mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature Range	-55 to 100°C

TEST CURVE

