

H3-G2-5-1000-342

5-1000MHz 50Ω 2 Way Power Divider

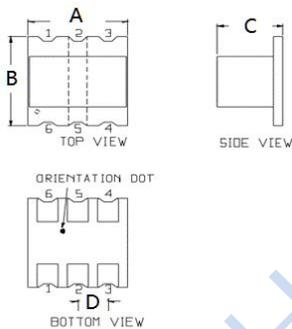
• APPLICATIONS

• Ideally suitable for CATV applications.

FEATURES

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

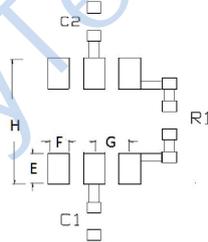
DIMENSIONS



A	B	C
4.30	4.30	3.00
D		
1.27		

Unless otherwise stated dimensions are in mm
Tolerance: .xx ± 0.25, .xxx ± 0.05

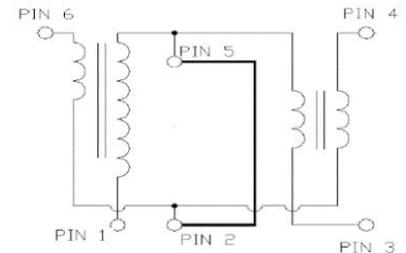
PCB LAYOUT



Suggest:
C1, C2=0.5pF
R1=100Ω

E	F	G
1.40	0.76	1.27
H		
4.83		

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Ground
2	External 0.5 pF Capacitor
3	Output 2
4	Output 1
5	External 0.5 pF Capacitor
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)	5-1000MHZ		0.6	1.0	dB
VSWR	5-1000MHZ		1.1	1.5	dB
Isolation	5-1000MHZ	16.0	18.0		dB
Amplitude Balance	5-1000MHZ		0.4	1.0	dB
Phase Balance	5-1000MHZ		2	15	Deg

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input RF Power	1W Max
Internal Load Dissipation	0.125W Max
Operating Temperature Range	-40 to 85°C

TEST CURVE

