

H3-G2-5-1250-75

5-1250MHZ 75Ω 2 Way 0° Power Divider

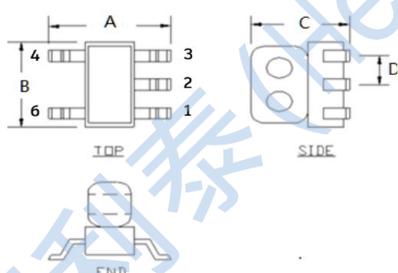
APPLICATIONS

- 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

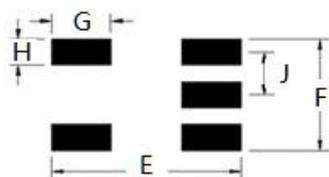


A	B	C
5.30	4.21	3.60 Max
D		
1.50		

Unless otherwise stated dimensions are in mm

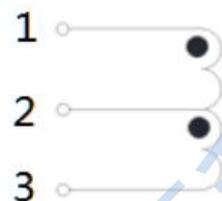
Tolerance: .xx ± 0.25, .xxx ± 0.05

PCB LAYOUT



E	F	G
6.13	3.91	1.92
H	J	
0.91	1.50	

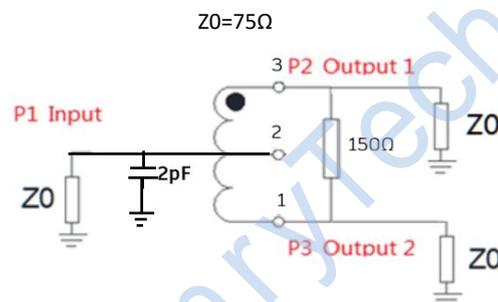
FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

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

APPLICATION & TEST CIRCUIT



ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2 / P3)			75		Ohm
Insertion Loss(Above 3dB)	5-1250MHZ		0.6	0.8	dB
Return Loss	5-1250MHZ	6.0	10.0		dB
Isolation	5-1250MHZ		10.0		dB
Amplitude Balance	5-1250MHZ		0.1		dB
Phase Balance	5-1250MHZ		1.5		°

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input RF Power	0.25W Max
DC current	250mA Max
Operating Temperature Range	-40 to 85°C

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TEST CURVE

