

H3-G2-5-2400-75

5-2400MHz 75Ω 2 Way Power Divider

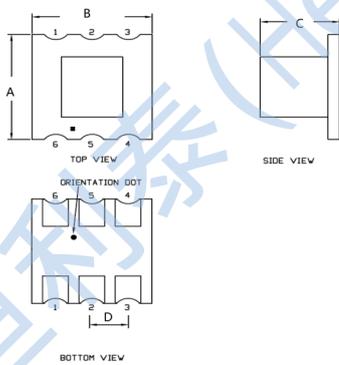
• APPLICATIONS

• Ideally suited for CATV Broadband applications.

FEATURES

- Surface mount
- 2 Way 0 degree
- 2-Way Divider
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS

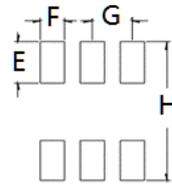


A	B	C
3.81	3.81	2.30
D		
1.27		

Unless otherwise stated dimensions are in mm

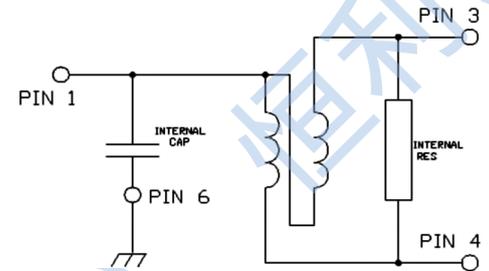
Tolerance: .xx ± 0.25, .xxx ± 0.05

PCB LAYOUT



E	F	G
1.40	0.76	1.27
H		
4.83		

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

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

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			75		Ohm
Power Split			3		dB
Insertion Loss (Pin 1 - 3)	5 - 2400 MHz		1.6	2.5	dB
Insertion Loss (Pin 1 - 4)	5 - 2400 MHz		0.6	1.2	dB
Input Return Loss	5 - 2400 MHz	8	10		dB
Amplitude Balance	5 - 2400 MHz		1	1.5	dB
Phase Balance	5 - 2400 MHz		4	10	°
Isolation	5 - 2400 MHz	10	16		dB

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
Input RF Power	1W
Internal Load Dissipation	50mA
Operating Temperature Range	-40 to 85°C
Storage Temperature	-55 to 125°C

Tel: +86-28-85589664

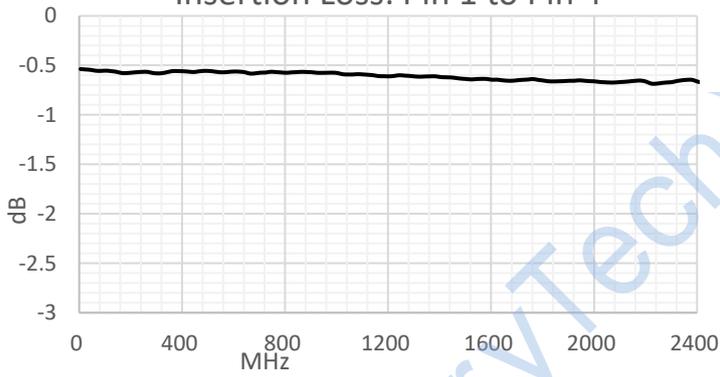
E-mail: mr\_li@henglitaitech.com

Web: www.hltchips.com

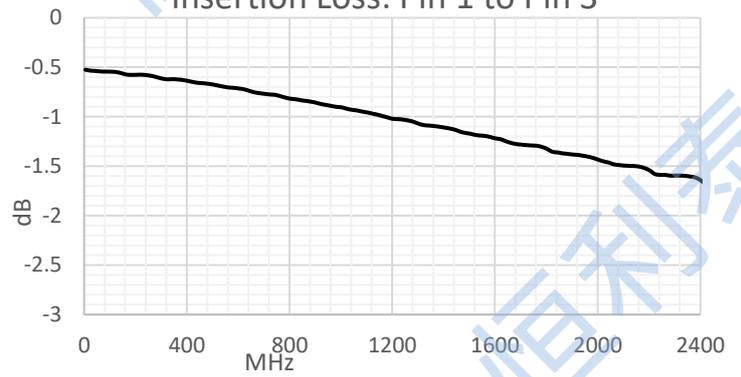
Adress:Room 1401, 14th Floor, Building 5, Huaxi Science and Technology Innovation Center, No. 50, Shuxi Road, Jinniu District, Chengdu City

## TEST CURVE

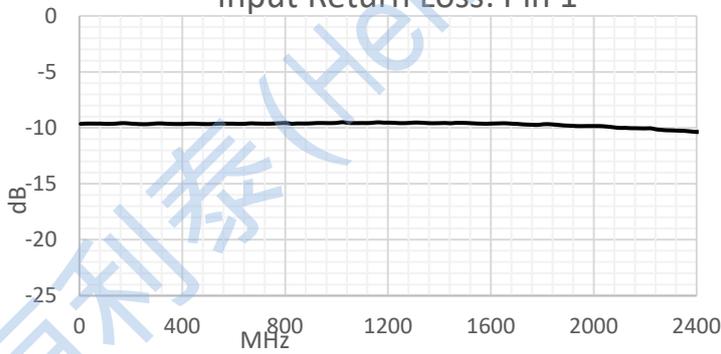
Insertion Loss: Pin 1 to Pin 4



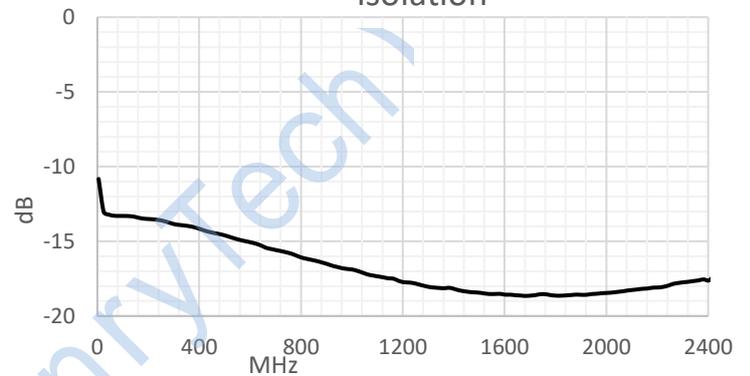
Insertion Loss: Pin 1 to Pin 3



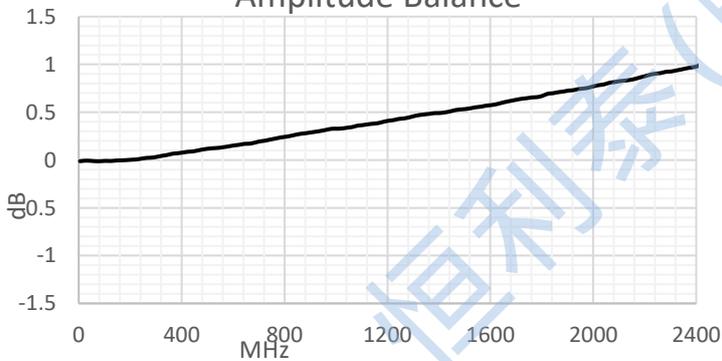
Input Return Loss: Pin 1



Isolation



Amplitude Balance



Phase Balance

