

## H3-ADT2-1T-1P+

8-600MHz 50Ω 1:2 Balun

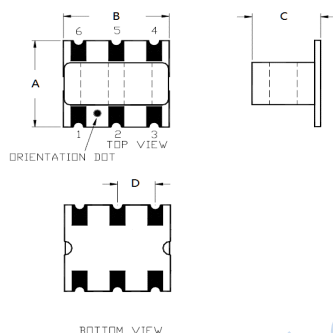
### APPLICATIONS

• Ideally suitable for CATV broadband applications.

### FEATURES

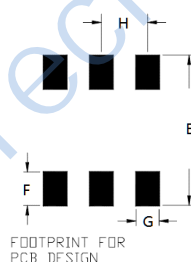
- Surface mount
- Impedance ratio: 1:2
- Centre tap on secondary
- RoHS compliant and Pb free
- Available on tape and reel

### DIMENSIONS



A	B	C
6.35	7.15	2.70
D		
2.54		

### Land Pattern



E	F	G
7.62	1.75	1.27
H		
2.54		

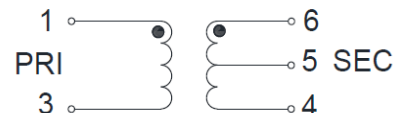
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

### ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0 (P1 / P2 / P3)			50/50/50		Ohm
Insertion Loss	8-600MHz		1.5	3.0	dB
	10-400MHz		0.9	2.0	dB
	13-300MHz		0.7	1.0	dB
Return Loss	8-600MHz		11.0		dB
	10-400MHz		13.0		dB
	13-300MHz		16.0		dB
Amplitude Balance	8-600MHz		1.2		dB
	10-400MHz		0.4		dB
	13-300MHz		0.2		dB
Phase UnBalance	8-600MHz		0.7		°
	10-400MHz		1.4		°
	13-300MHz		1.2		°

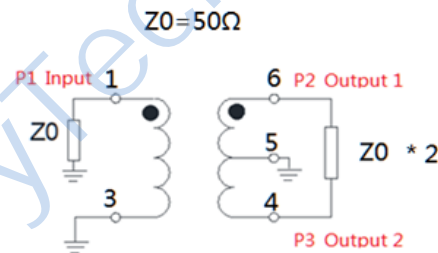
### FUNCTIONAL SCHEMATIC



### PIN CONFIGURATION

Pin No.	Function
1	Primary
2	NOT USED
3	Primary Dot
4	Secondary Dot
5	Secondary Centre Tap
6	Secondary

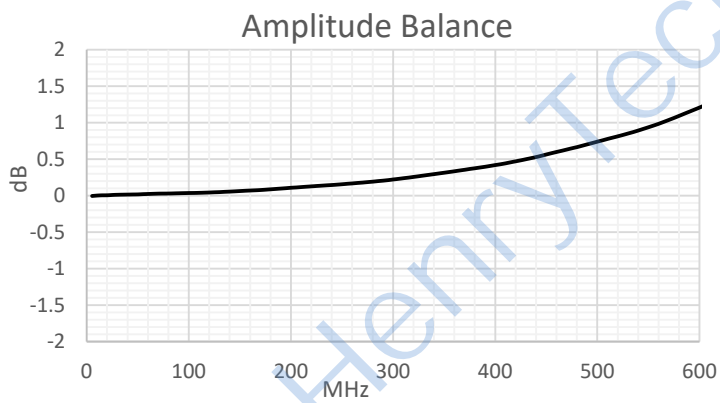
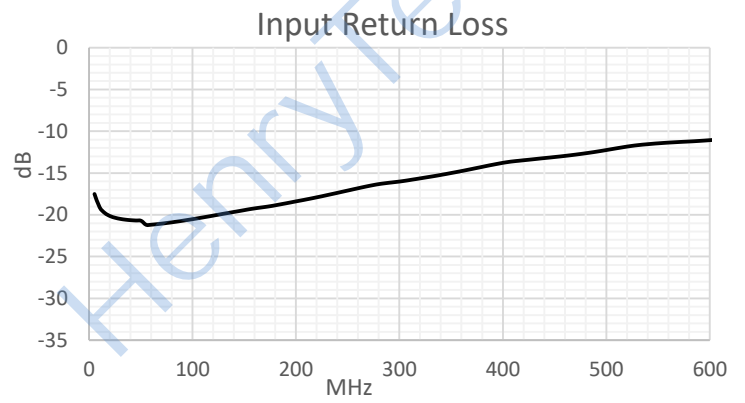
### APPLICATION & TEST CIRCUIT



### ABSOLUTE MAXIMUM RATINGS

Parameter	Value
RF Power	1W
DC Current	30mA
Operating Temperature Range	-40 to 85°C

## TEST CURVE



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Signal Conditioning](#) category:*

*Click to view products by [HenryTech](#) manufacturer:*

Other Similar products are found below :

[PD0409J5050S2HF](#) [HHS-109-PIN](#) [AFS14A35-1591.50-T3](#) [JP510S](#) [LFB322G45SN1A504](#) [SF2159E](#) [FM-104-PIN](#) [CER0813B](#)  
[MAPDCC0005](#) [3A325](#) [BD0810N50100AHF](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#)  
[CDBLB455KCAX39-B0](#) [RF1353C](#) [051157-0000](#) [PD0922J5050D2HF](#) [600S150FTRB](#) [1E1305-3](#) [1F1304-3S](#) [TP-103-PIN](#)  
[BD1222J50200AHF](#) [BD1722J50100AHF](#) [2450DP39K5400E](#) [BD0810J50150AHF](#) [BD1722J50200AHF](#) [DS-327-PIN](#) [MACP-008125-](#)  
[CK07F0](#) [DS-329-PIN](#) [DS-313-PIN](#) [TP-104-PIN](#) [TP-101-PIN](#) [HH-128-PIN](#) [8594810000](#) [T-1000-N](#) [JP506S](#) [XC0900P-10S](#) [XC0900B-30S](#)  
[CHE1260-QAG](#) [11305-10](#) [5962-9091202MXA](#) [3A412S](#) [X3C06A4-03S](#) [B39000Z3410A4](#) [DSS-333-PIN](#) [PD2425J5050S2HF](#)  
[B39242B4360P810](#) [B39781B8005P810](#)