# RF Balun Transformer

# H2TCM2-43X+



10-4000 MHz

# $50\Omega$ 1:2 Transmission Line Transformer

#### **Features**

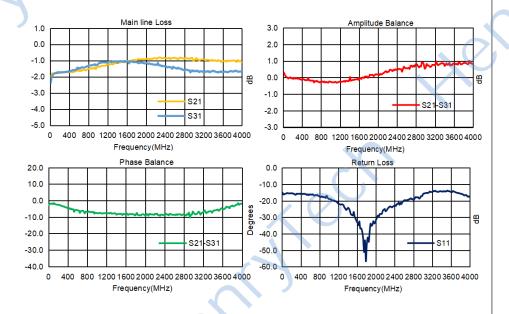
- •RF Power, 0.4W
- •DC Current, 30mA
- •Operating temperature range: -40 ℃ to +85 ℃
- •Storage temperature range: -55  $^{\circ}$  to +100  $^{\circ}$
- •260°C Reflow Compatible
- •RoHS compliant and lead free

## **Applications**

- · Impedance matching
- · Balanced amplifier
- Balun
- · Cellular and VHF

### Electrical Specifications:TA=25℃, 0dBm, Z0=50Ω

Parameter	Test Conditions	Units	Min	Тур	Max
Main line Loss (Pin4-3)	10-4000MHz	dB	-	1.2	2.5
Main line Loss (Pin4-1)	10-4000MHz	dB	_	1.5	2.5
Amplitude Balance	10-4000MHz	dB	0.0	1.0	2.0
Phase Balance	10-4000MHz	0	0.0	8.0	15.0
Input Return Loss(Pin4)	10-4000MHz	dB	12.0	16.0	_



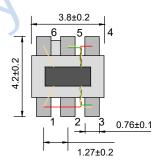
Tel: +86-28-85589664

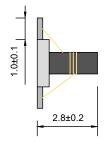
E-mail: mr\_li@henglitaitech.com

Web: www.hltchips.com

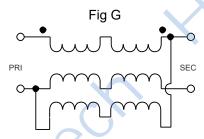
Adress:No.198 Tianqin East Street, Gaoxin West District, Chengdu City

# Outline Drawing(mm)

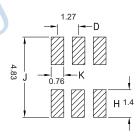




#### **Electrical structure**



### Recommended layout(mm)



## **Pin Connections**

Input	4
Output 1	3
Output 2	1
Ground	5,6
Not Used	2