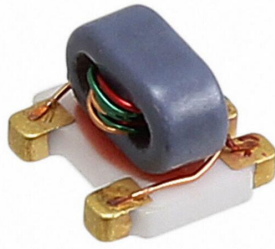


## H2TC4-25+



500-2500 MHz

50Ω 1:4 Transmission Line Transformer

### Features

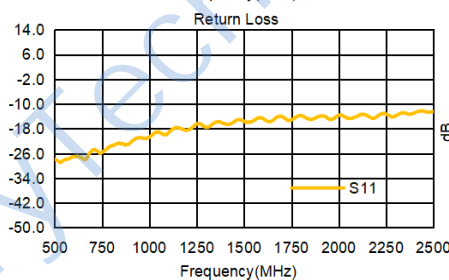
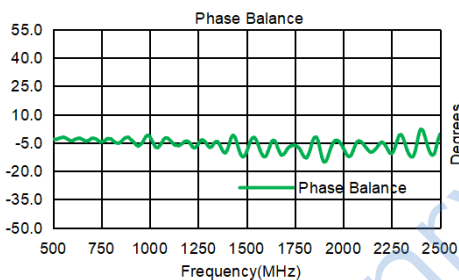
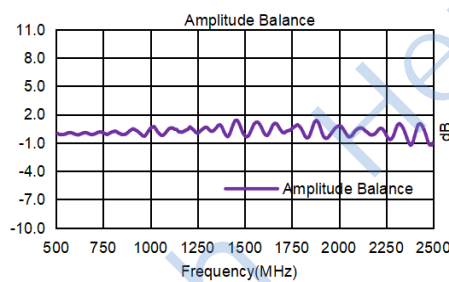
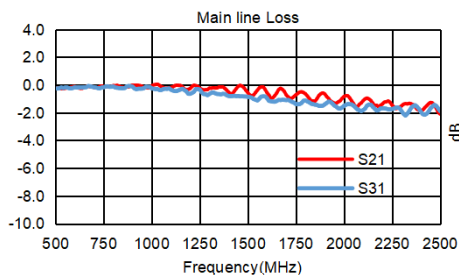
- RF Power, 0.25W
- DC Current , 30mA
- Operating temperature range: -40℃ to +85℃
- Storage temperature range: -55 to +100
- 260℃ Reflow Compatible
- RoHS compliant and lead free

### Applications

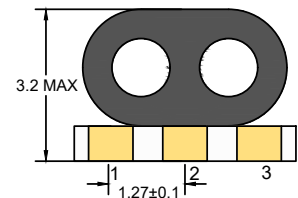
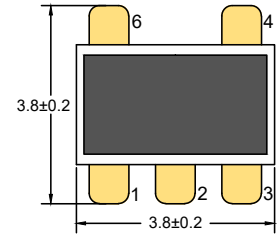
- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

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

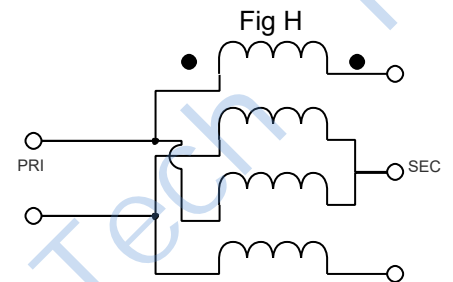
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin4-3)	500-2500MHz	dB	—	1.8	3.2
Main line Loss (Pin4-1)	500-2500MHz	dB	—	1.8	3.2
Amplitude Balance	500-2500MHz	dB	—	1.5	3.5
Phase Balance	500-2500MHz	°	—	12.0	35.0
Input Return Loss (Pin4)	500-2500MHz	dB	12.0	16.0	—



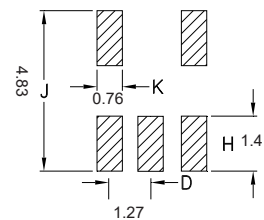
### Outline Drawing(mm)



### Electrical structure



### Recommended layout(mm)



### Pin Connections

Input	4
Output 1	3
Output 2	1
Ground	2, 6

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