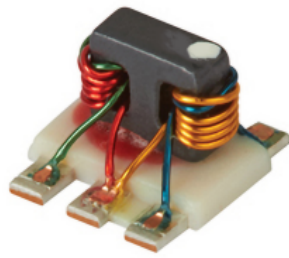


H2TCM4-452X+



20-4500 MHz

50Ω 1: 4 Transmission Line Transformer

Features

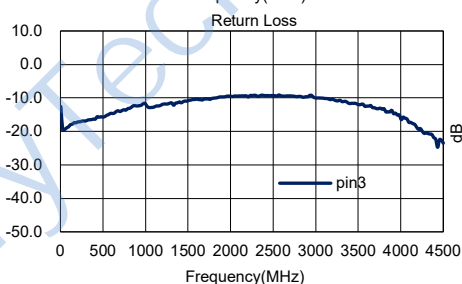
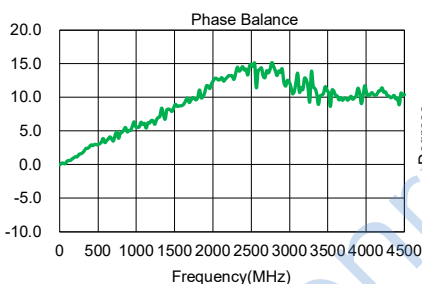
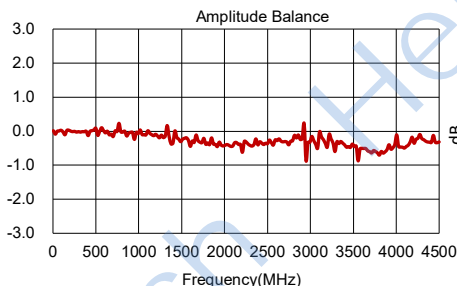
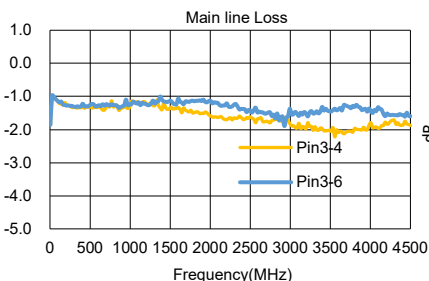
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 0.4W MAX
- DC Current: 30mA MAX

Applications

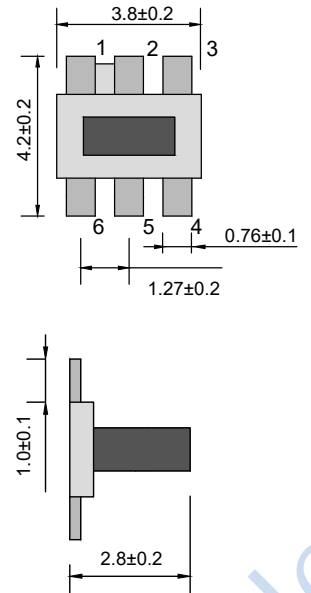
- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

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

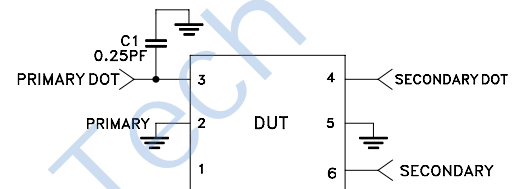
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin3-4)	20-4500MHz	dB	-	1.5	3.0
Main line Loss (Pin3-6)	20-4500MHz	dB	-	2.0	3.0
Amplitude Balance	20-4500MHz	dB	0.0	0.5	1.5
Phase Balance	20-4500MHz	°	0.0	8.0	15.0
Input Return Loss(pin3)	20-4500MHz	dB	8.0	12.0	-



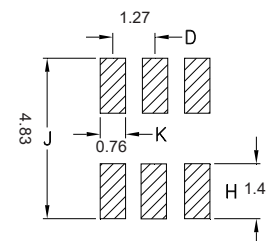
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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