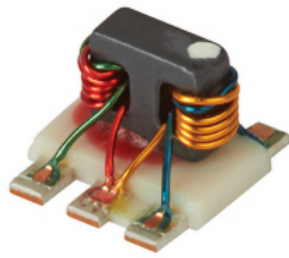


H2TCM4-452X+



20-4500 MHz

50Ω 1: 4 Transmission Line Transformer

Features

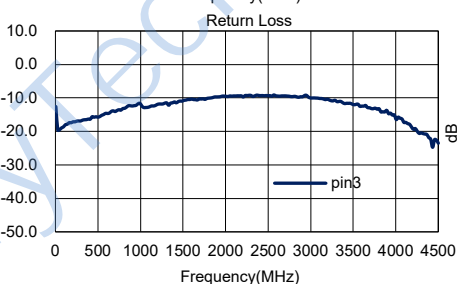
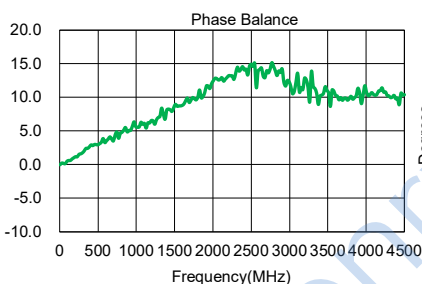
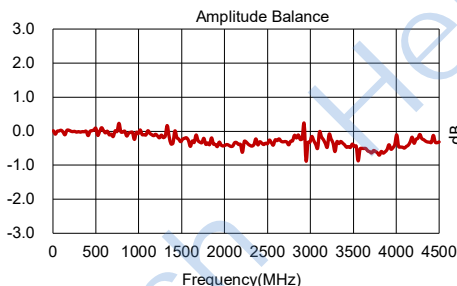
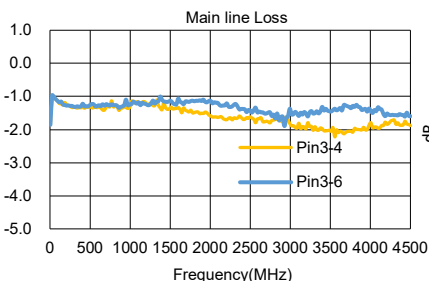
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 0.4W MAX
- DC Current: 30mA MAX

Applications

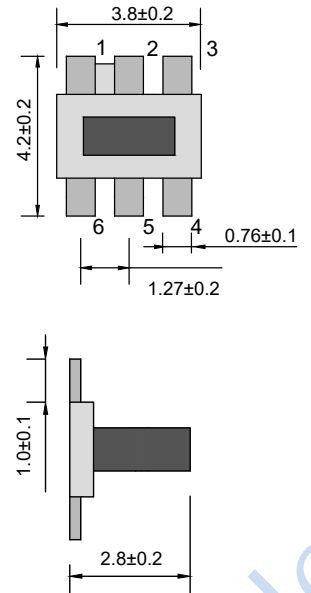
- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

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

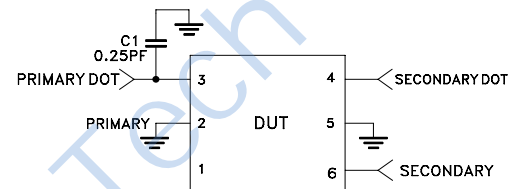
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin3-4)	20-4500MHz	dB	-	1.5	3.0
Main line Loss (Pin3-6)	20-4500MHz	dB	-	2.0	3.0
Amplitude Balance	20-4500MHz	dB	0.0	0.5	1.5
Phase Balance	20-4500MHz	°	0.0	8.0	15.0
Input Return Loss(pin3)	20-4500MHz	dB	8.0	12.0	-



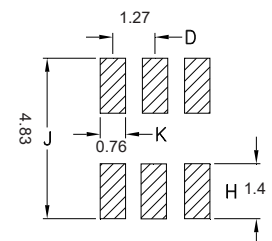
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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

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[MAPDCC0005](#) [3A325](#) [BD0810N50100AHF](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#)
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[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](#)
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