

H2TCP-2-10-5W+



0.3-1000MHz

50Ω 2 Way-0° Power Divider

Features

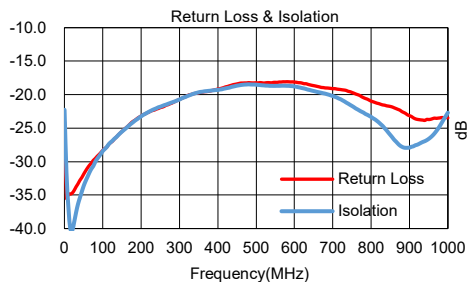
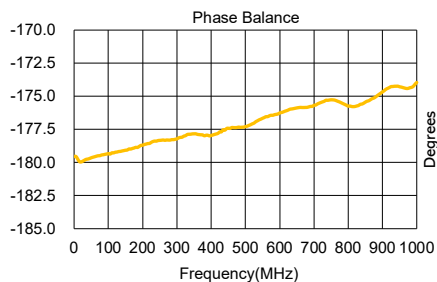
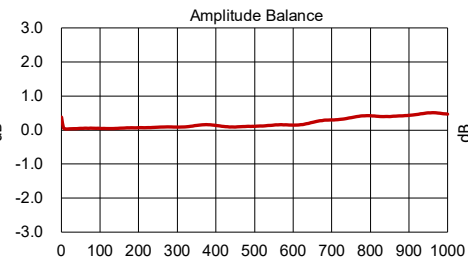
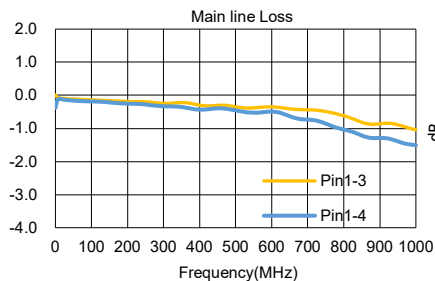
- RF Power, 5W
- DC Current, 0.5A
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS compliant and lead free

Applications

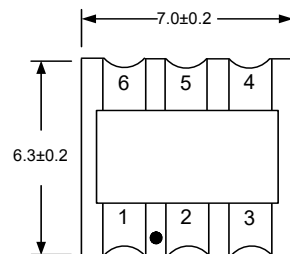
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

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

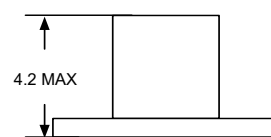
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin1-3)	0.3-1000MHz	dB	—	0.5	1.3
Main line Loss (Pin1-4)	0.3-1000MHz	dB	—	1.0	1.8
Input Return Loss(Pin1)	0.3-1000MHz	dB	16.0	20.0	—
Amplitude Unbalance	0.3-1000MHz	dB	—	0.3	1.0
Phase Unbalance	0.3-1000MHz	dB	—	5.0	10.0
Isolation	0.3-1000MHz	dB	16.0	20.0	—



Outline Drawing(mm)

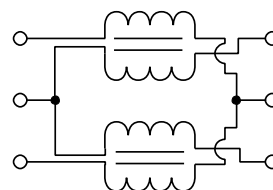


Top View

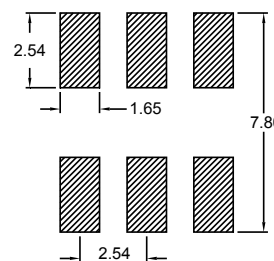


Electrical structure

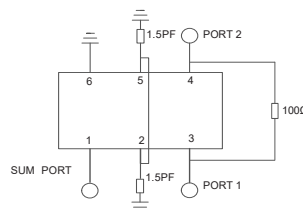
Fig K



Recommended layout(mm)



electrical schematic



Pin Connections

SUM PORT	1
PORT 1	3
PORT 2	4
GROUND	6
EXT. CAPACITOR 1.5pF	2 OR 5 TO GND

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