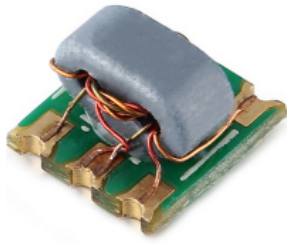


H2TC4-14+



200-1400 MHz

50Ω 1: 4 CT Flux Coupled Transformer

Features

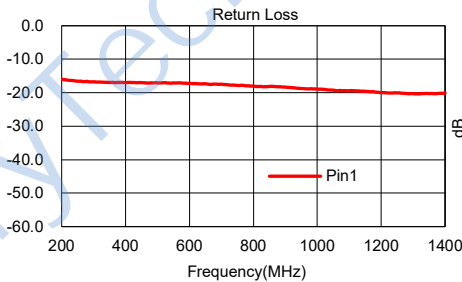
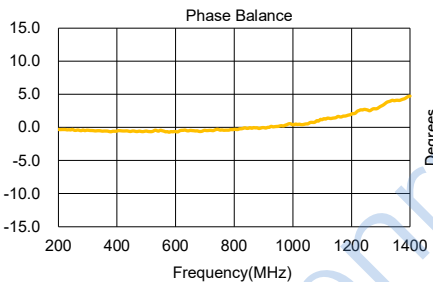
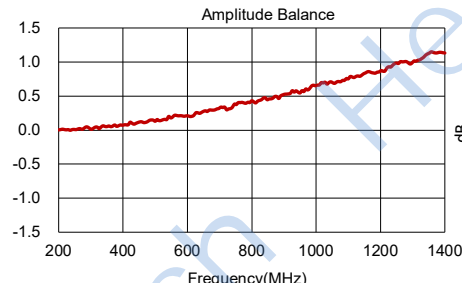
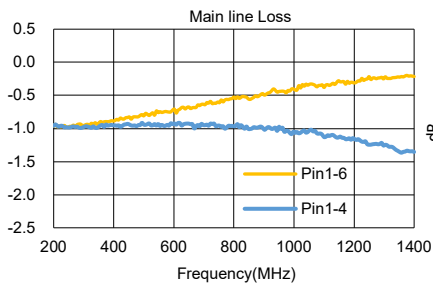
- Operating temperature range: -40°C to +125°C
- Storage temperature range: -55°C to +125°C
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 250mW
- DC Current: 30mA

Applications

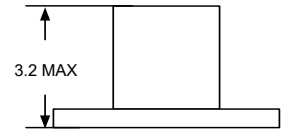
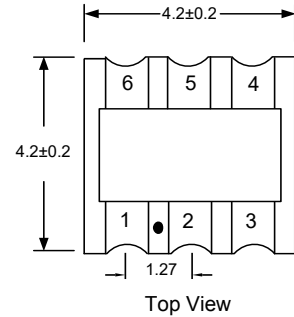
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

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

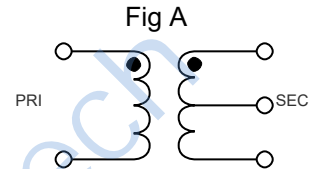
| Parameter | Test Conditions | Units | Min | Typ | Max |
|-------------------------|-----------------|-------|------|------|------|
| Main line Loss (Pin1-6) | 200-1400MHz | dB | — | 0.5 | 1.0 |
| Main line Loss (Pin1-4) | 200-1400MHz | dB | — | 1.0 | 1.8 |
| Amplitude Balance | 200-1400MHz | dB | — | 1.0 | 1.5 |
| Phase Balance | 200-1400MHz | ° | — | 5.0 | 10.0 |
| Input Return Loss(Pin1) | 200-1400MHz | dB | 16.0 | 18.0 | — |



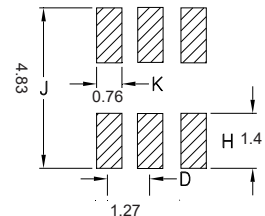
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

| | |
|----------|------|
| Input | 1 |
| Output 1 | 6 |
| Output 2 | 4 |
| Ground | 2, 3 |
| NOT USED | 5 |

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

[CDBLB455KCAX39-B0](#) [RF1353C](#) [051157-0000](#) [PD0922J5050D2HF](#) [600S150FTRB](#) [1E1305-3](#) [1F1304-3S](#) [TP-103-PIN](#)

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[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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