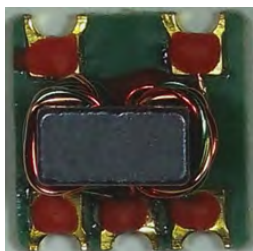


H2TC16-161T+



0.5-160MHz

50Ω 1: 16 CT Flux Coupled Transformer

Features

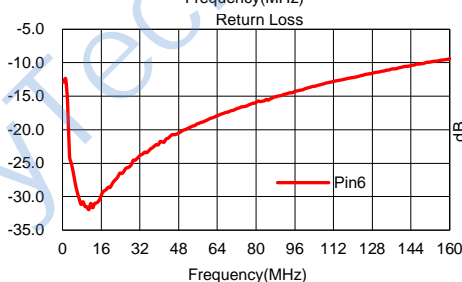
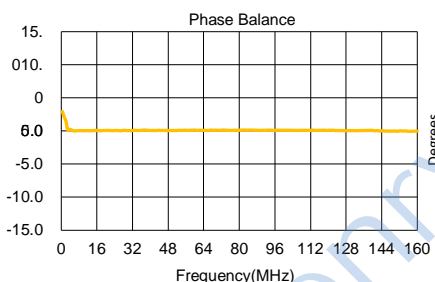
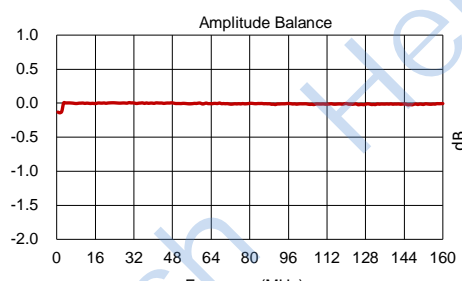
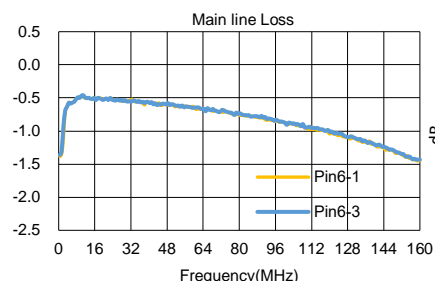
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS compliant and lead free
- Input Power: 250mW Max
- DC Current: 30mA Max

Applications

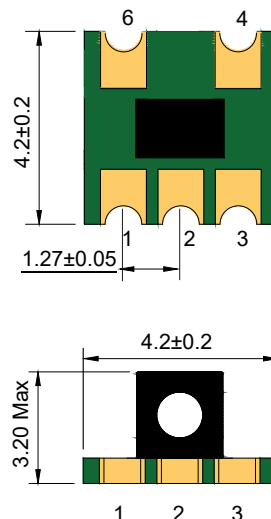
- For Motorola Walkie-talkie.
- For Car Streaming Media Rearview Mirror.
- For Broadband and Wireless Communications.
- For Wireless Microphone & Marine Communications.
- For Ideally Suited LTE, Cellular, UMTS, WiFi, WiMAX.
- For Differential Modulator/demodulator and Active Mixers.

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

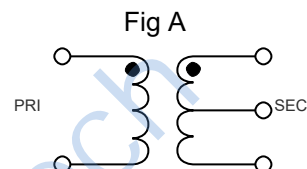
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss (Pin6-1)	0.5-160MHz	dB	—	1.5	2.5
Main line Loss (Pin6-3)	0.5-160MHz	dB	—	1.5	2.5
Amplitude Balance	0.5-160MHz	dB	0.0	0.0	0.5
Phase Balance	0.5-160MHz	°	0.0	0.5	3.0
Input Return Loss(Pin6)	0.5-160MHz	dB	8.0	12.0	—



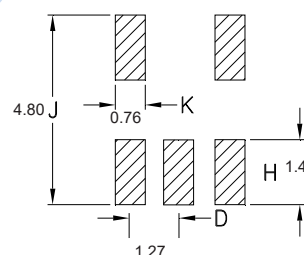
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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