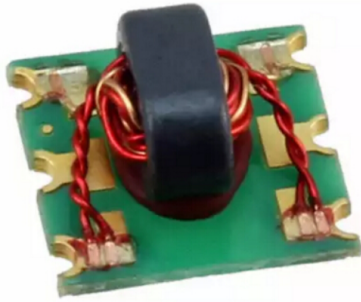


H2ETC4-1-2TR



3-800 MHz

50Ω 1:4CT Flux Coupled Transformer

Features

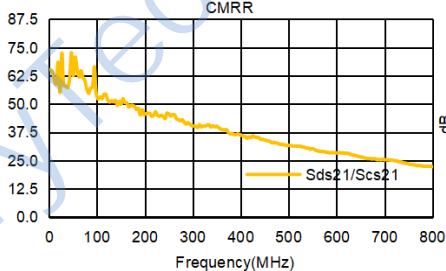
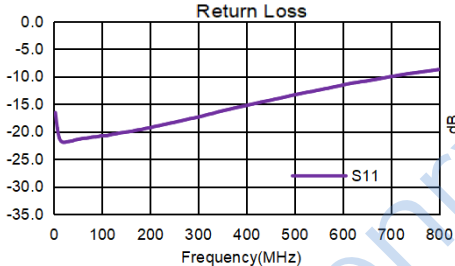
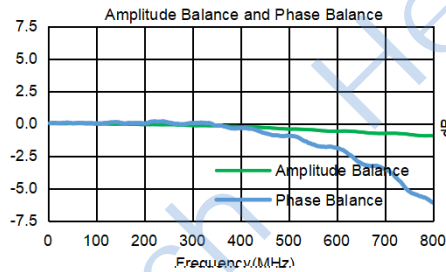
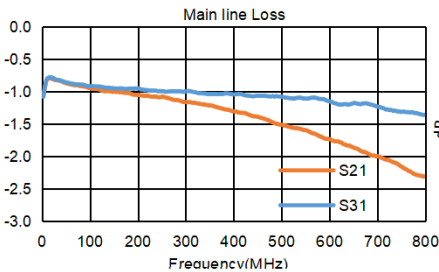
- RF Power, 0.25W
- DC Current, 30mA
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +100°C
- 260°C Reflow Compatible
- RoHS compliant and lead free

Applications

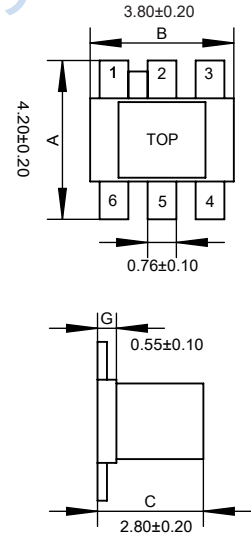
- Impedance matching
- Balanced amplifier
- Balun
- Cellular and VHF

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

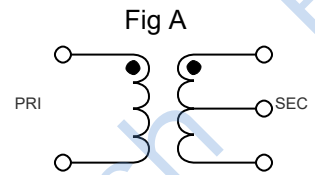
| Parameter               | Test Conditions | Units | Min  | Typ  | Max  |
|-------------------------|-----------------|-------|------|------|------|
| Main line Loss (Pin6-1) | 3-800MHz        | dB    | —    | 2.2  | 3.0  |
| Main line Loss (Pin6-3) | 3-800MHz        | dB    | —    | 1.2  | 2.0  |
| Amplitude Balance       | 3-800MHz        | dB    | 0.0  | 0.8  | 1.5  |
| Phase Balance           | 3-800MHz        | °     | 0.0  | 5.0  | 15.0 |
| Input Return Loss(Pin6) | 3-800MHz        | dB    | 8.0  | 12.0 | —    |
| CMRR                    | 3-800MHz        | dB    | 20.0 | 25.0 | —    |



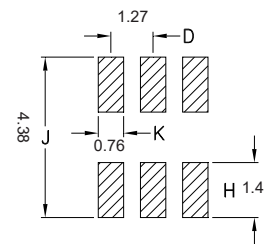
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Pin Connections

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Signal Conditioning](#) category:*

*Click to view products by [HenryTech](#) manufacturer:*

Other Similar products are found below :

[PD0409J5050S2HF](#) [HHS-109-PIN](#) [AFS14A35-1591.50-T3](#) [JP510S](#) [LFB322G45SN1A504](#) [SF2159E](#) [FM-104-PIN](#) [CER0813B](#)  
[MAPDCC0005](#) [3A325](#) [BD0810N50100AHF](#) [DC0710J5005AHF](#) [DC2327J5005AHF](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#)  
[CDBLB455KCAX39-B0](#) [RF1353C](#) [051157-0000](#) [PD0922J5050D2HF](#) [600S150FTRB](#) [1E1305-3](#) [1F1304-3S](#) [TP-103-PIN](#)  
[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](#)  
[CHE1260-QAG](#) [11305-10](#) [5962-9091202MXA](#) [3A412S](#) [X3C06A4-03S](#) [B39000Z3410A4](#) [DSS-333-PIN](#) [PD2425J5050S2HF](#)  
[B39242B4360P810](#) [B39781B8005P810](#)