

**Features::**

- ◆ RF Power: 250mW , DC Current: 30mA
- ◆ 50Ω Impedance
- ◆ Frequency: 2 to 1100 MHz
- ◆ 260°C Reflow Compatible
- ◆ RoHS\* compliant
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C

H2TC2-112G2+



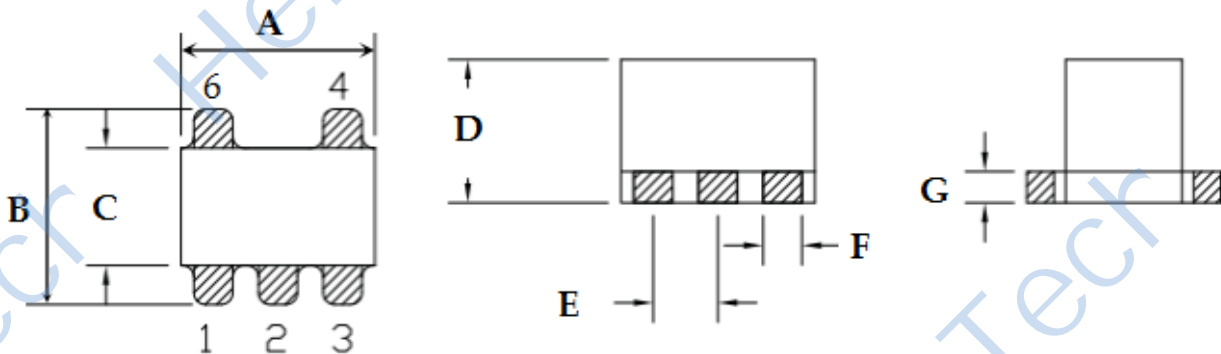
2-1100MHz

50 2: 1CT Flux Coupled Transformer

**Applications:**

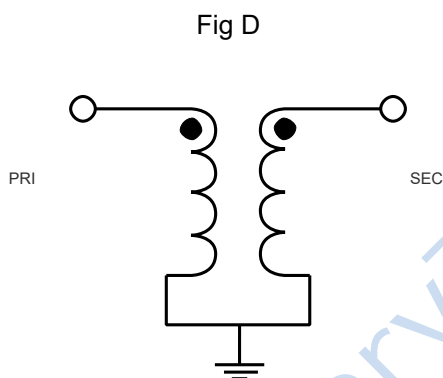
- ◆ For broadband and Cellular
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

**Dimension Diagram (Unit:mm) :**

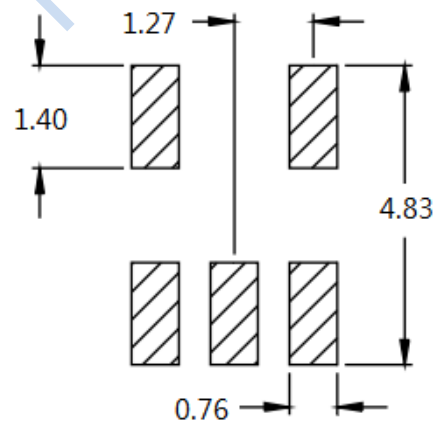


A=3.80±0.20 B=3.80±0.20 C=2.30±0.20 D=2.80±0.20 E=1.27±0.10 F=0.76±0.10 G=0.60±0.10

**Electrical structure:**



**Recommended layout:**



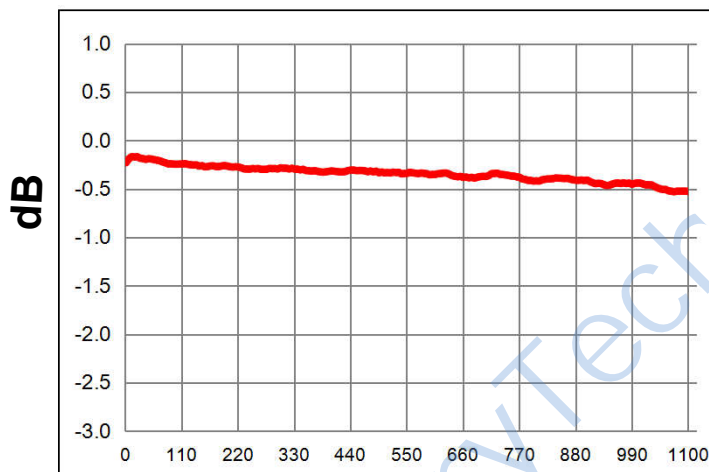
**Pin Configuration:**

Pin No.	Function
4	Primary Dot(e.g. 50 Ohm)
2,6	Not Connected
1	Ground
3	Secondary Dot(e.g. 25 Ohm)

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

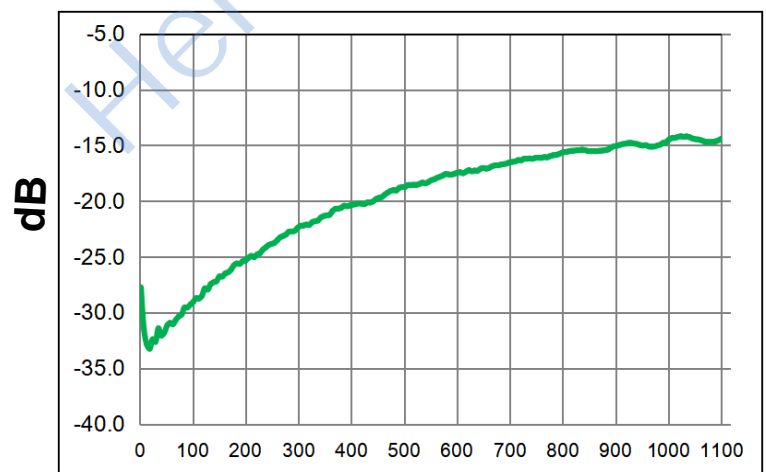
Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss	2-1100MHz	dB	—	0.4	1.5
Input Return Loss	2-1100MHz	dB	10.0	25.0	—

**Main line Loss**



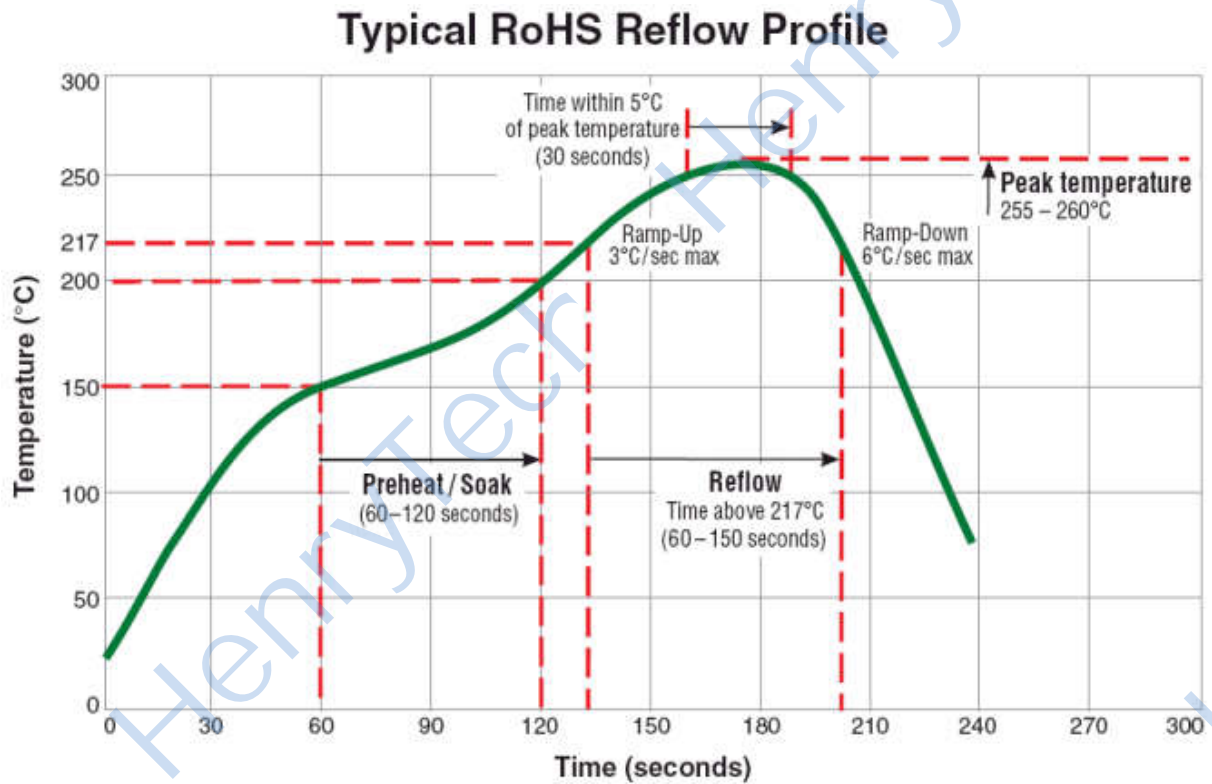
**Frequency(MHz)**

**Input Return Loss**



**Frequency(MHz)**

Recommended Soldering Temperature Graph:



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