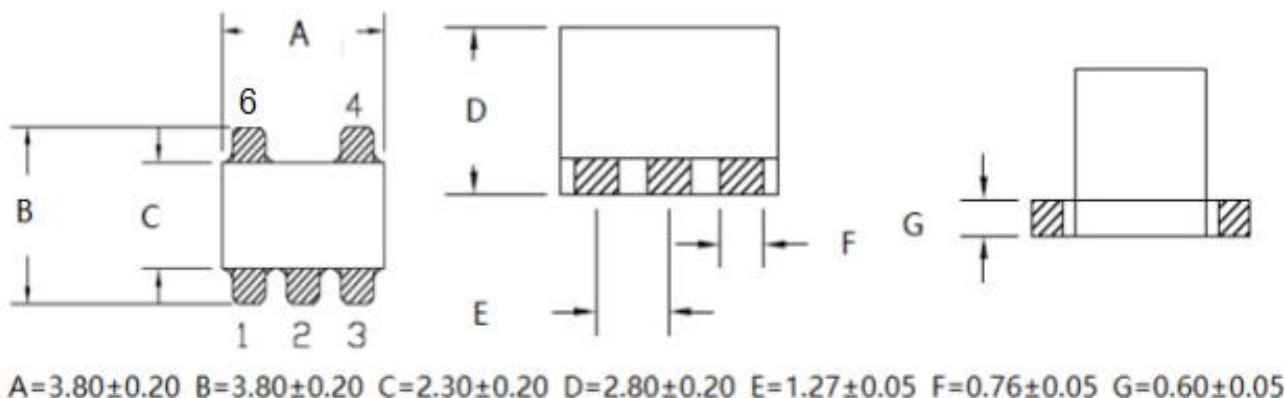
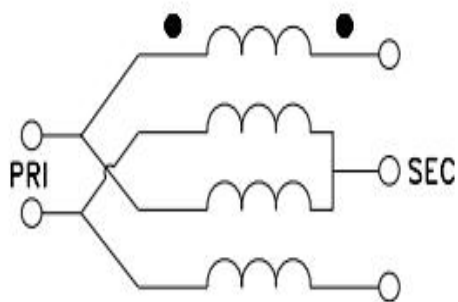
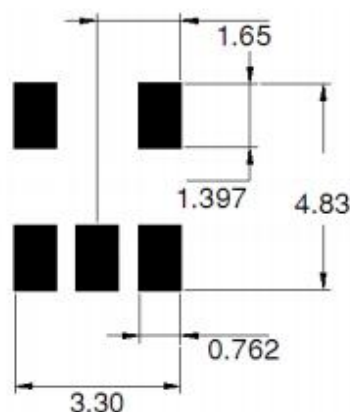


RF Balun Transformer, 1: 4CT Flux Coupled Transformer
Features:

- ◆ 1: 4 Impedance
- ◆ 50Ω Characteristic Impedance
- ◆ Frequency: 10to1900 MHz
- ◆ RF power: 0.25W
- ◆ DC current: 30mA
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C

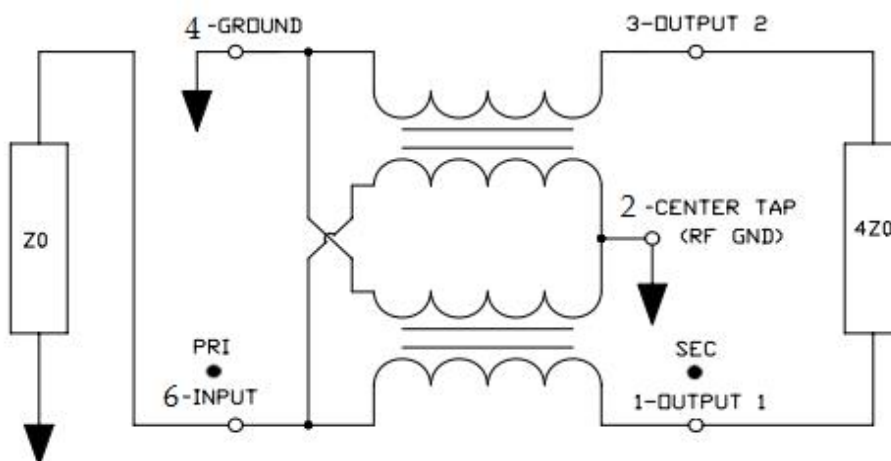

Applications:

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

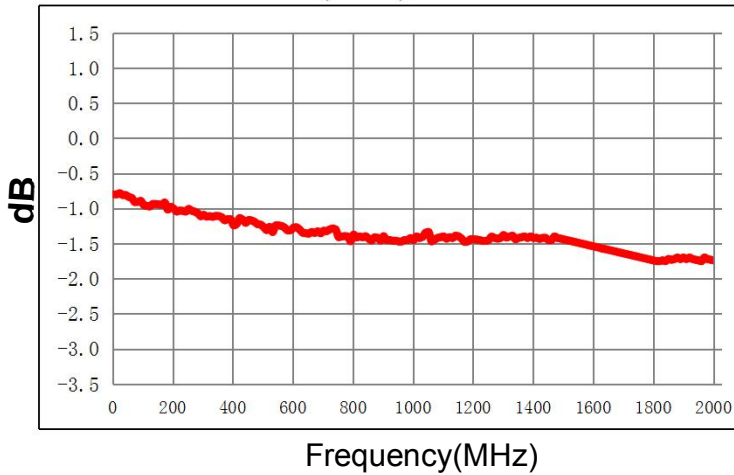
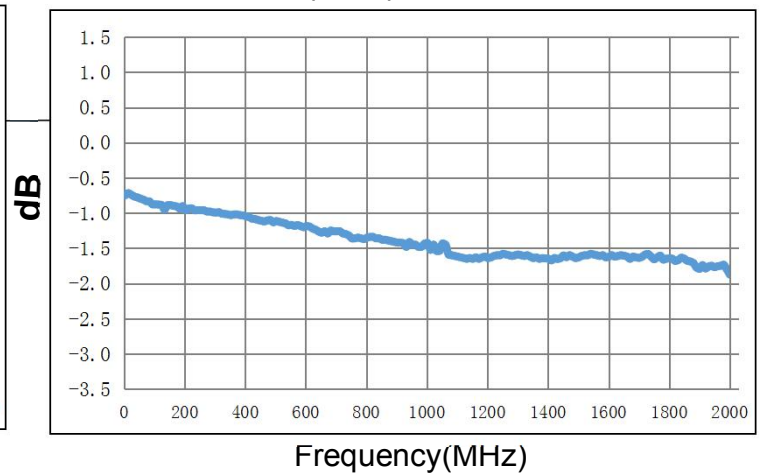
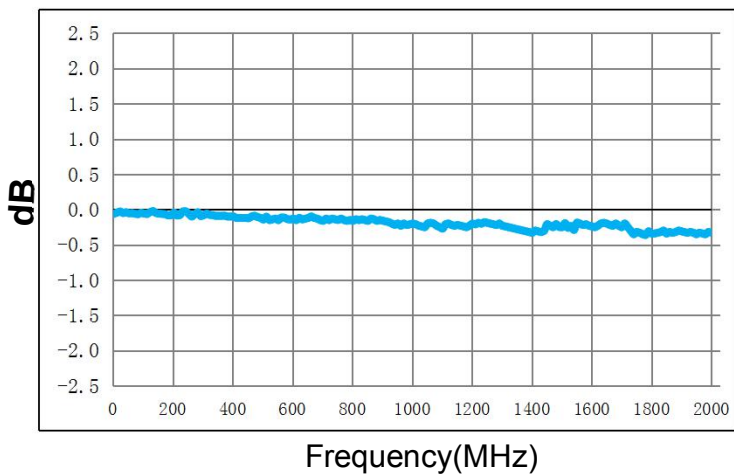
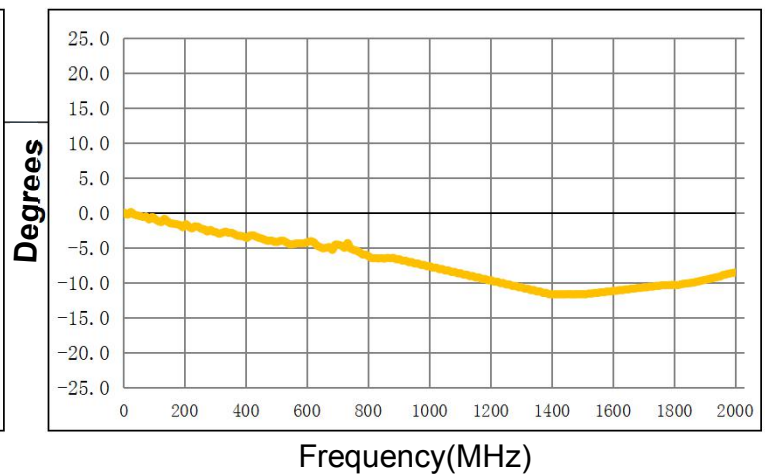
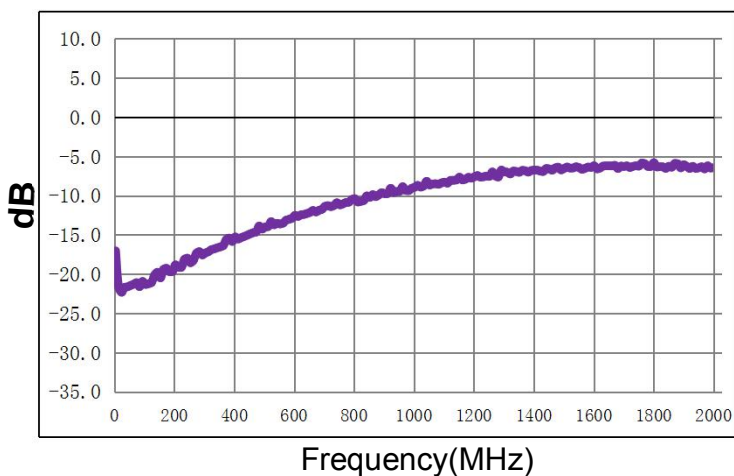
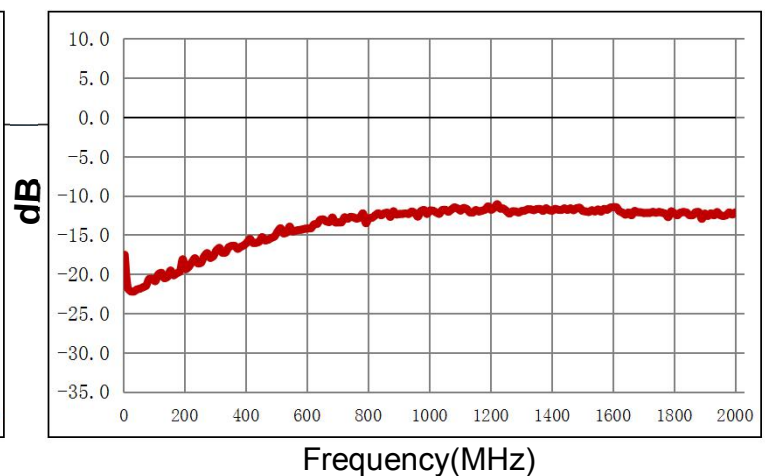
Dimension Diagram (Unit:mm) :

Electrical structure:

Recommended layout:


Pin configuration

| Pin no. | Function |
|---------|--------------------------|
| 1 | Secondary dot (Output 1) |
| 2 | Centre tap (Ground) |
| 3 | Secondary (Output 2) |
| 4 | Primary (Ground) |
| 6 | Primary dot (Input) |

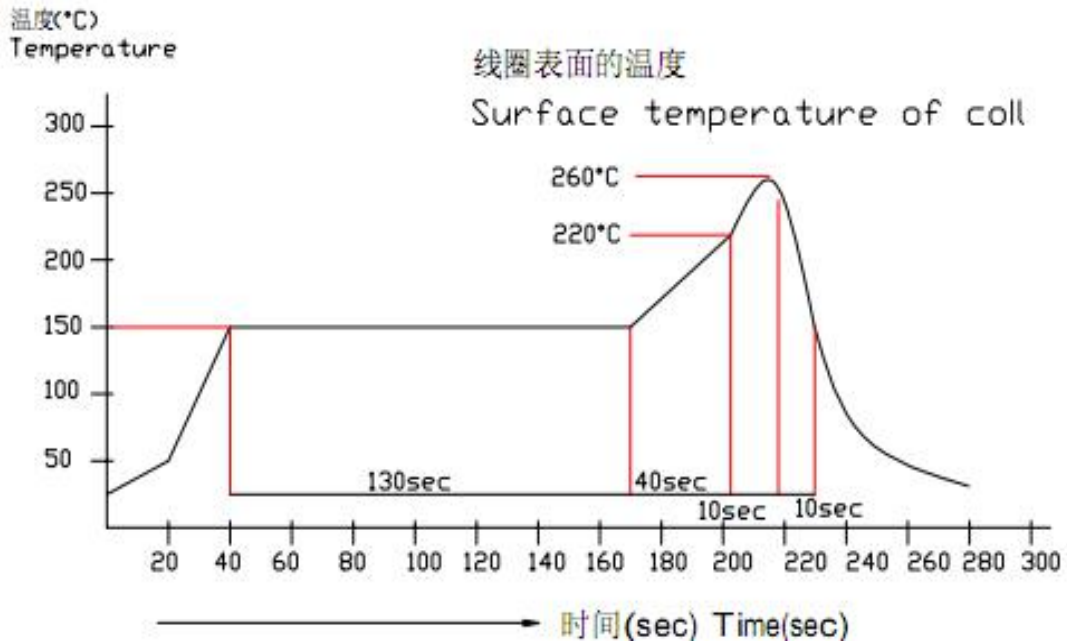
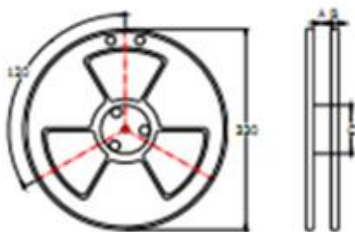
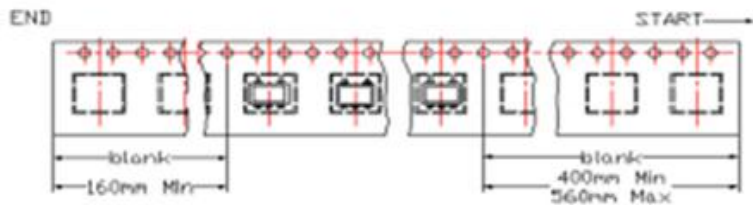
Application circuit :

Electrical Specifications: $T_A = 25^\circ\text{C}$ $Z_0 = 50\Omega$,

| Parameter | Test Conditions | Units | Min | Typ | Max |
|----------------------|-----------------|---------|------|------------|------------|
| Main line Loss(out1) | 10-1900MHz | dB | — | 1.40 | 3.50 |
| Main line Loss(out2) | 10-1900MHz | dB | — | 1.60 | 3.50 |
| Amplitude Balance | 10-1900MHz | dB | — | ± 0.20 | ± 1.00 |
| Phase Balance | 10-1900MHz | Degrees | — | ± 10.0 | ± 10.0 |
| Input Return Loss | 10-1900MHz | dB | 5.00 | 6.50 | — |

Main line Loss(out1)

Main line Loss(out2)

Amplitude Balance

Phase Balance

Input Return Loss

Sdd22


Recommended Soldering Temperature Graph:

建议迴焊条件

 The condltion of reflow
(Recommendation)

Packging Dimension For Caeier Tape(UNIT:mm):


| SPEC | 8 | 12 | 16 | 24 | 32 | 44 | 56 | 72 |
|-----------|-----|------|------|------|------|------|------|------|
| DIM A±0.1 | 8.5 | 12.5 | 16.5 | 24.5 | 32.5 | 44.5 | 56.5 | 72.5 |
| DIM B±0.1 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 |
| DIM C±0.1 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

QUANTITY
2000PCS/Reel

15 reel/Big carton/60000pcs