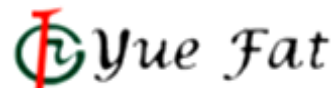


YB5F-458PT-2035



RF Balun Transformer 1CT:4 Flux Coupled Transformer

5-100 MHz

Rev. 1

Features:

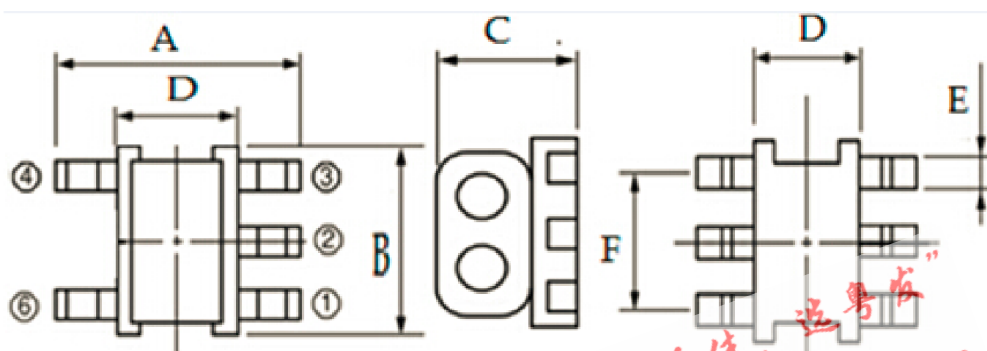
- ◆ 1CT: 4 Impedance
- ◆ 75Ω Characteristic Impedance
- ◆ Frequency: 5 to 100 MHz
- ◆ RF power: 0.25W
- ◆ DC current: 50mA
- ◆ Insertion loss: 2.0dB Max, Input Return loss: 6.0dB Min
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

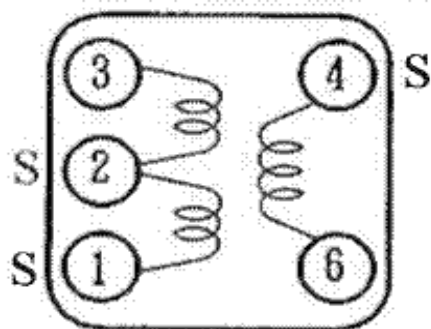
- ◆ For Docsis 3.1 Applications broadband and wireless communications
- ◆ For VHF/UHF receivers/transmitters and push-pull amplifiers

Dimension Diagram (Unit:mm) :

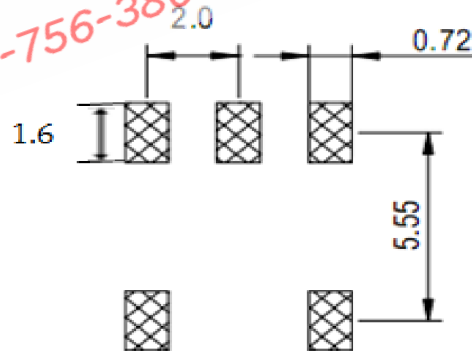


A=6.30±0.20 B=6.10±0.20 C=4.50±0.20 D=4.00±0.20 E=0.60±0.05 F=4.00±0.10

Electrical Structure :



4. RECOMMENDED LAYOUT:



DRAW BY

yang lin

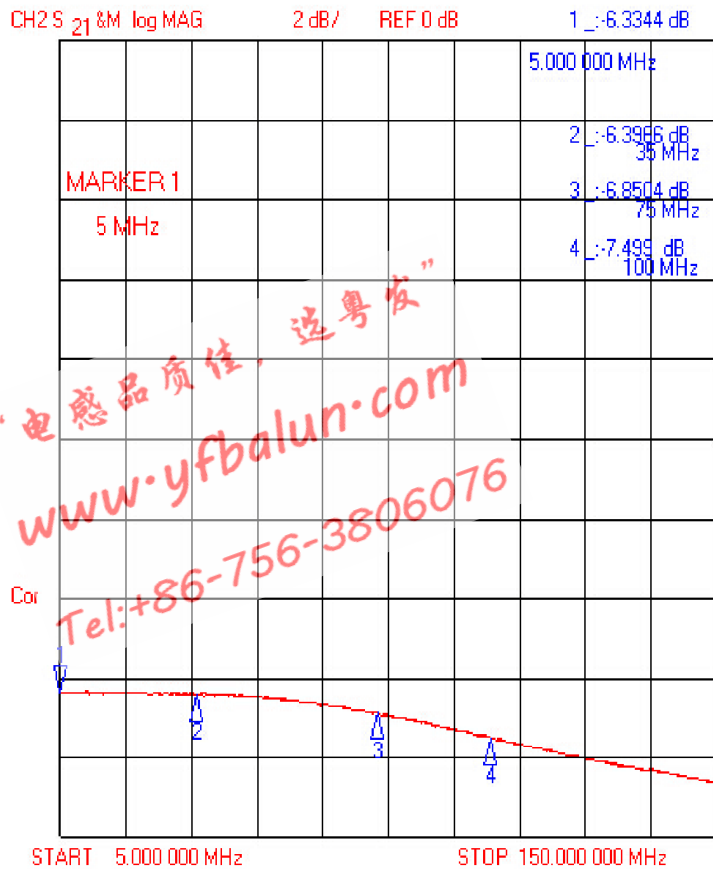
CHECKED BY

ye yong jun

APPROVED BY

deng gao

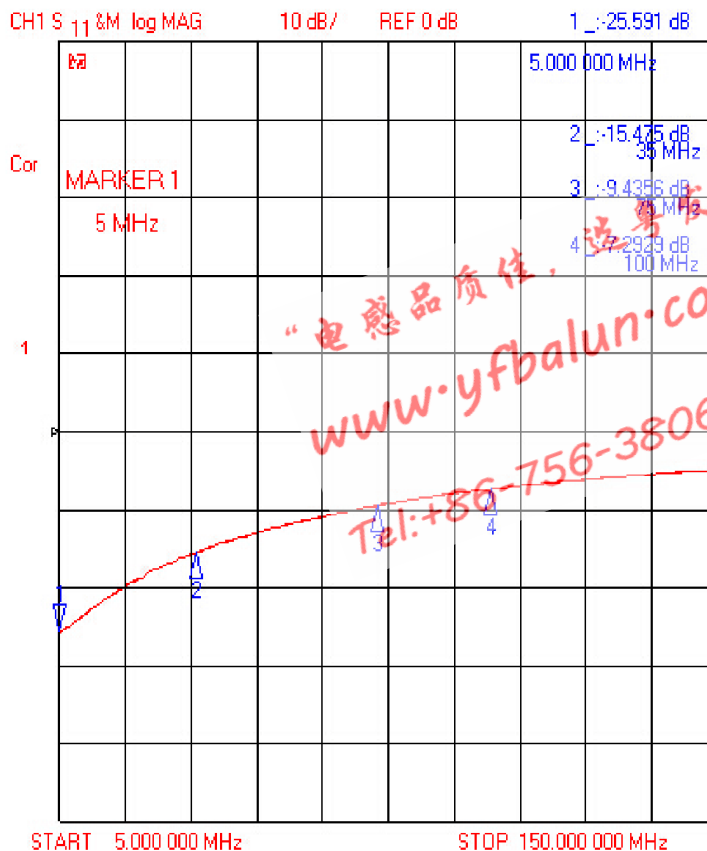
Insertion loss test curve:



Note:

Test fixture loss:-6.00dB

Input return loss test curve:



DRAW BY

yang lin

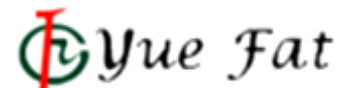
CHECKED BY

ye yong jun

APPROVED BY

deng gao

YB5F-458PT-2035

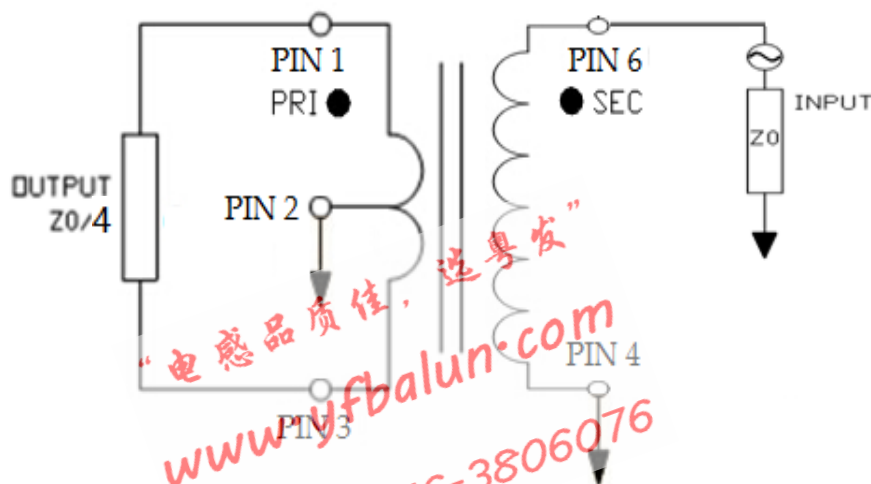


RF Balun Transformer 1CT:4 Flux Coupled Transformer

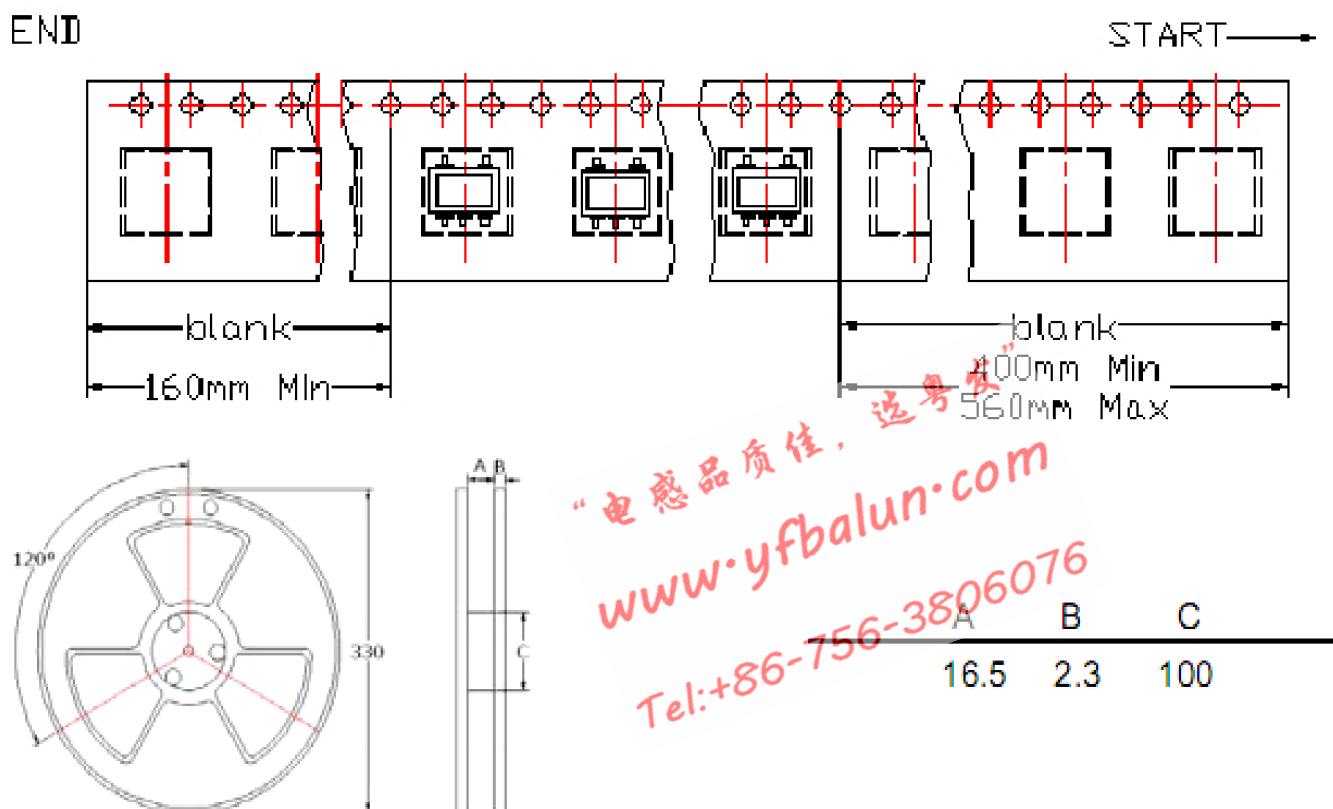
5-100 MHz

Rev. 1

Application circuit :



Packaging dimension for carrier tape & reel(UNIT:mm):



QUANTITY

1,000PCS/Reel

3Reels/Middle Carton

5 Middle Cartons/Big Carton/15,000pcs

DRAW BY

yang lin

CHECKED BY

ye yong jun

APPROVED BY

deng gao