

Features:

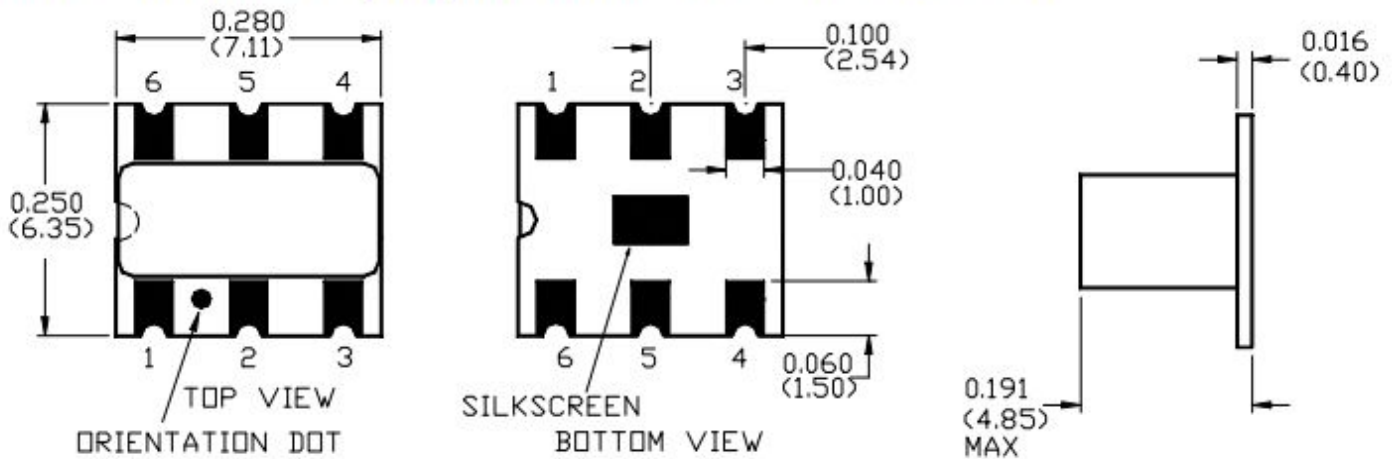
- ◆ Frequency Range: 5 to 1000 MHz
- ◆ Surface mount and available in tape and reel
- ◆ 260°C reflow compatible
- ◆ RoHS Compliant and Pb free
- ◆ Operating temperature range: -40°C to +85°C
- ◆ Storage temperature range: -55°C to +100°C



Applications:

- ◆ For catv
- ◆ For broadband and wireless communications

Dimensions in inches [mm] Tolerance: .xx ± .02, .xxx ± .010



Electrical structure:

Recommended layout(mm):



DRAW BY

yang lin

CHECKED BY

ye yong jun

APPROVED BY

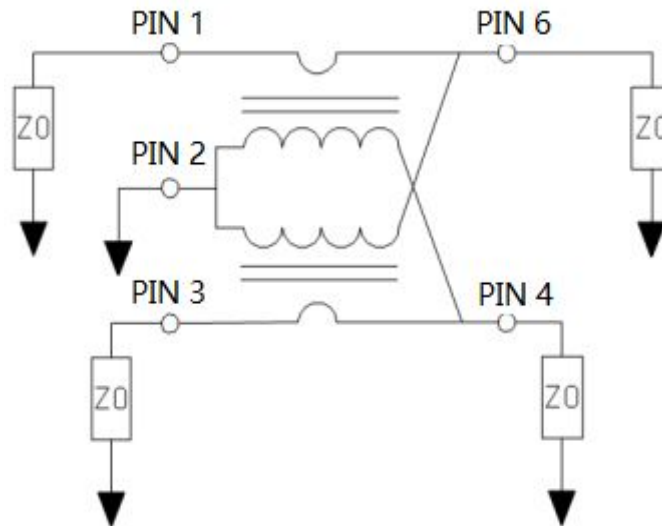
deng gao

Pin configuration

“电感品质佳，选粤发”

Pin no.	Function
1	Input
2	Ground
3	Coupled
4	Isolated
6	Output

Application circuit :



Electrical Specifications: $T_A = 25^\circ C$ $Z_0 = 75\Omega$

Parameter	Test Conditions	Units	Min	Typ	Max
Main line Loss	5-1000MHz	dB	-	0.4	1.0
Coupling	5-1000MHz	dB	-	20.0	± 1.0
Input Return Loss	5-1000MHz	dB	16.0	22.0	-
Output Return Loss	5-1000MHz	dB	16.0	25.0	-
Coupling Return Loss	5-1000MHz	dB	16.0	27.0	-
Isolation	5-1000MHz	dB	20.0	30.0	-

DRAW BY

yang lin

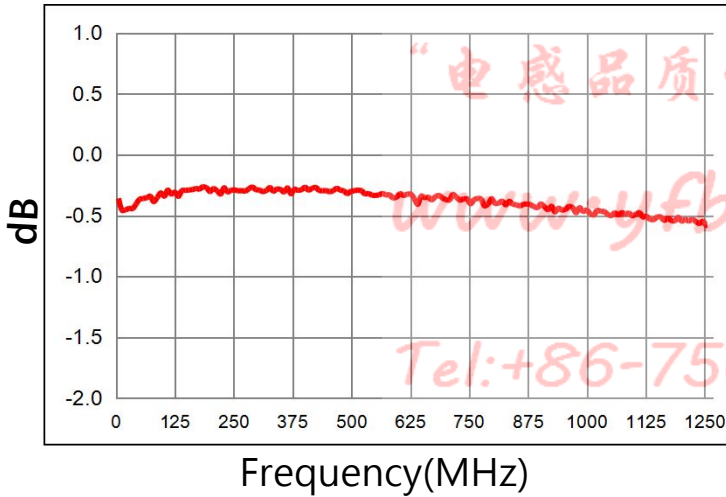
CHECKED BY

ye yong jun

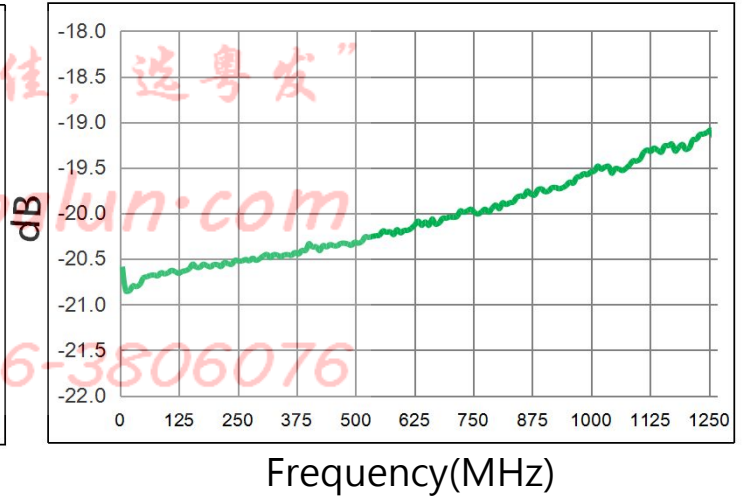
APPROVED BY

deng gao

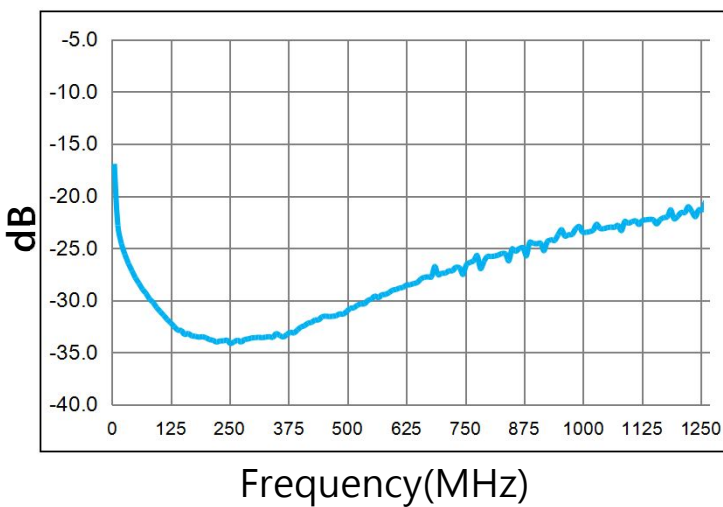
Main line Loss(pin1-6):



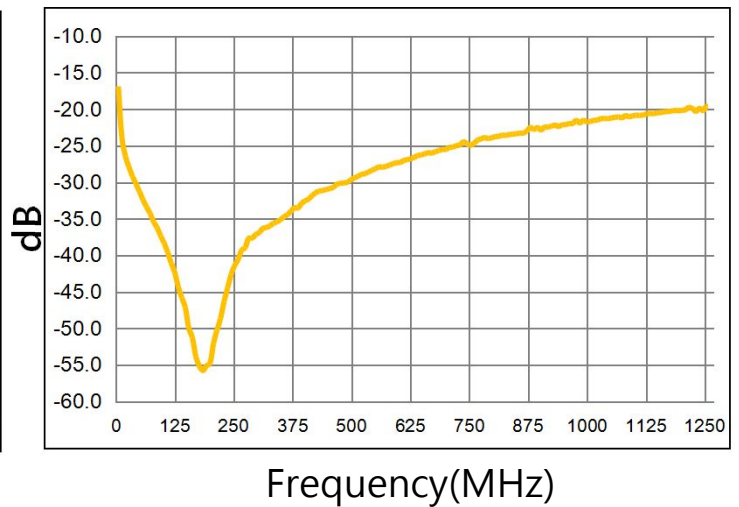
Coupling(pin1-3):



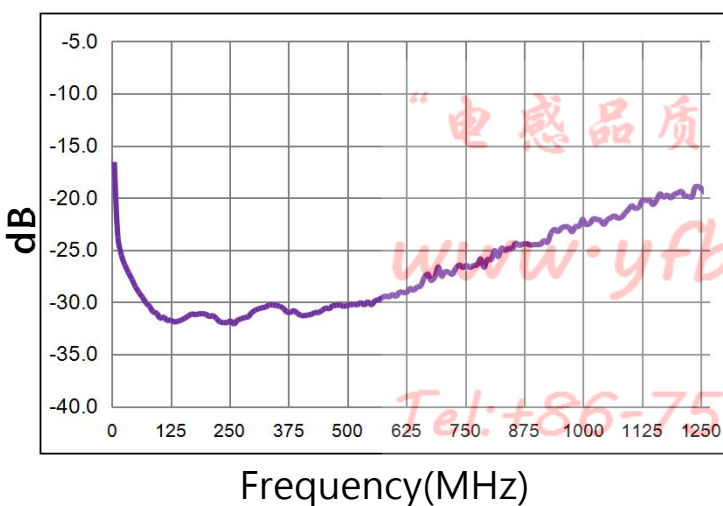
Input Return Loss (Pin1)



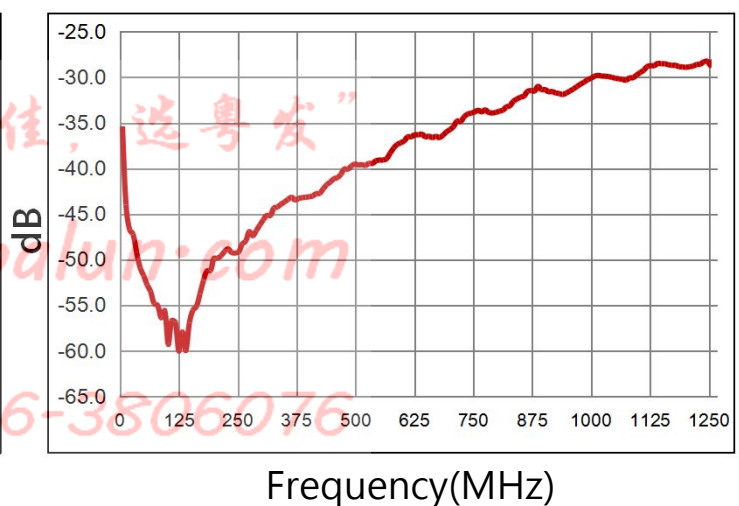
Output Return Loss (Pin6)



Coupling Return Loss (Pin6)



Isolation (Pin1-4)



DRAW BY

yang lin

CHECKED BY

ye yong jun

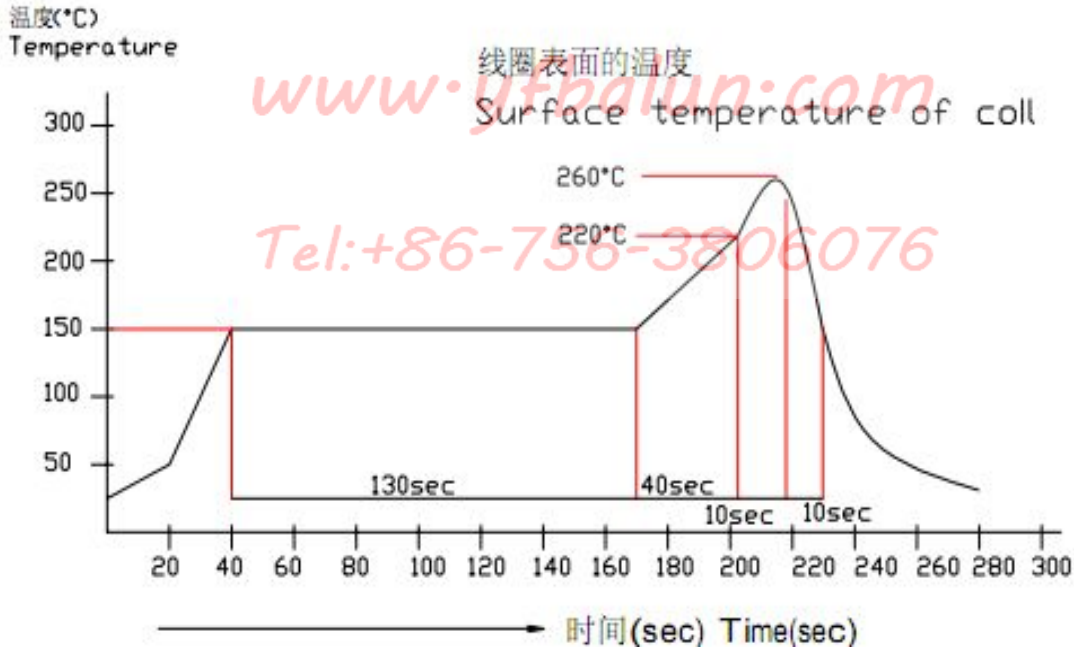
APPROVED BY

deng gao

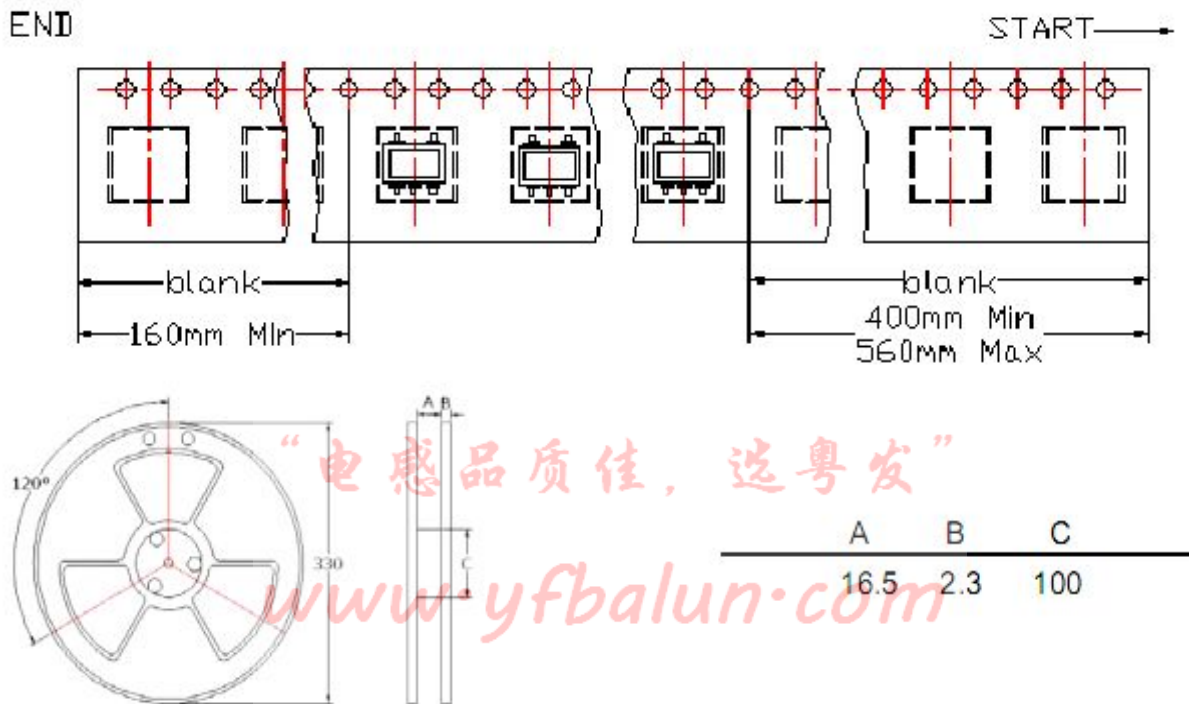
Recommended Soldering Temperature Graph:

建议迴焊条件

The condition of reflow
(Recommendation).



Packging Dimension For Caeer Tape(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