

RFT Series RF Transformer



FEATURES

- Wide frequency range.
- Operating temperature range: $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$

APPLICATIONS

- Widely used in ADSL, VDSL, Wireless broadband, Ethernet, high-speed Lan and Electronic equipment information processing system

PRODUCT IDENTIFICATION

$\frac{\text{RFT}}{\textcircled{1}} \quad \frac{1}{\textcircled{2}} - \frac{1\text{T}}{\textcircled{3}} - \frac{\text{A/B/C}}{\textcircled{4}}$

- 1 Series name
- 2 Digital representation of the transformer schematic diagram.
- 3 Transformer impedance ratio
- 4 In the same impedance ratio and different flatness

SHAPE AND DIMENSIONS

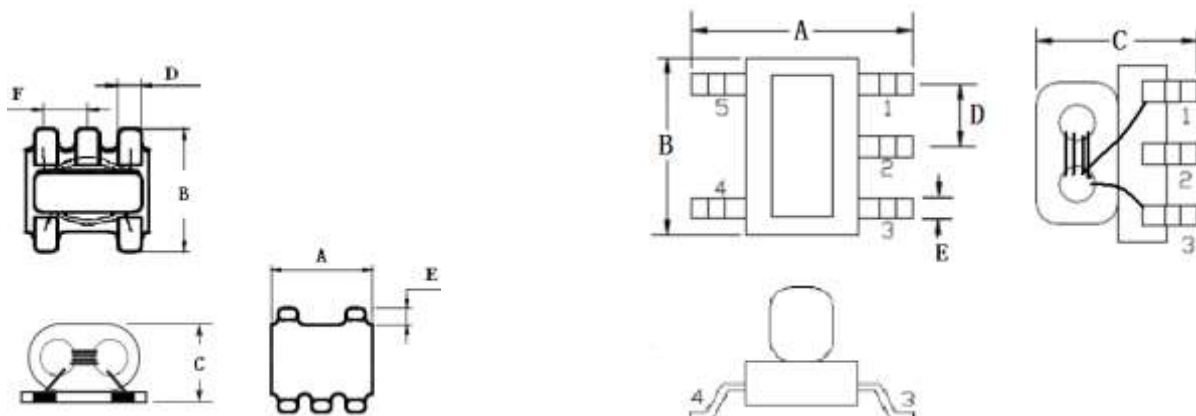


Fig 1

Fig2



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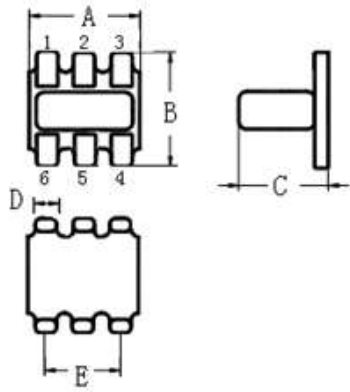


Fig 3

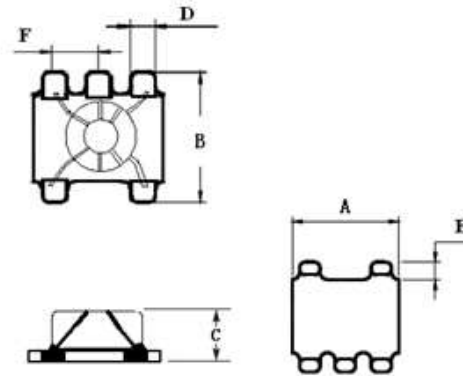


Fig 4

□

Structure Chart	Dimensions (mm)					
	A	B	C	D	E	F
Fig1	3.81±0.30	3.81±0.30	2.70±0.30	0.76±0.15	0.76±0.15	1.27±0.25
Fig2	5.50±0.50	4.30±0.30	3.60±0.30	1.50±0.20	0.55±0.15	--
Fig3	3.81±0.30	4.00±0.30	2.70±0.30	0.76±0.15	3.08±0.20	--
Fig4	3.81±0.30	3.81±0.30	1.90±0.20	0.76±0.15	0.76±0.15	1.27±0.25

Schematic diagram

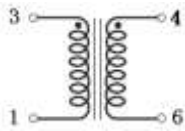


Fig 5

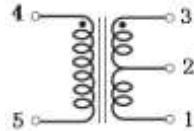


Fig 6

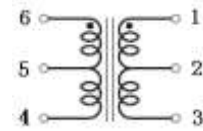


Fig 7

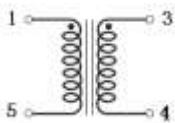


Fig 8

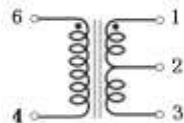


Fig 9

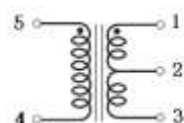


Fig 10

SPECIFICATIONS

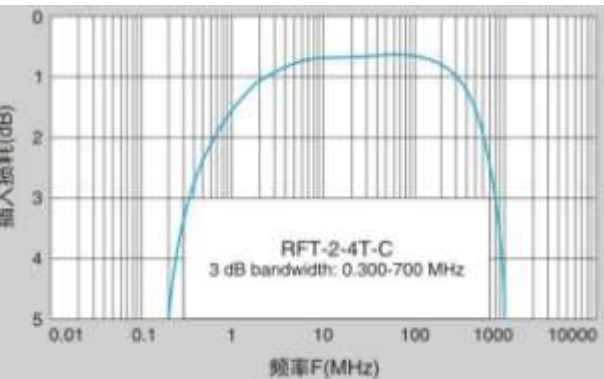
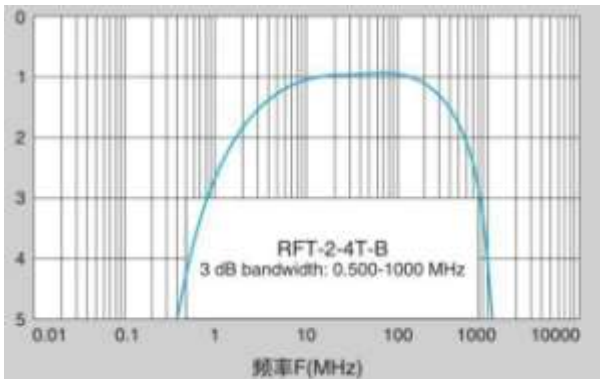
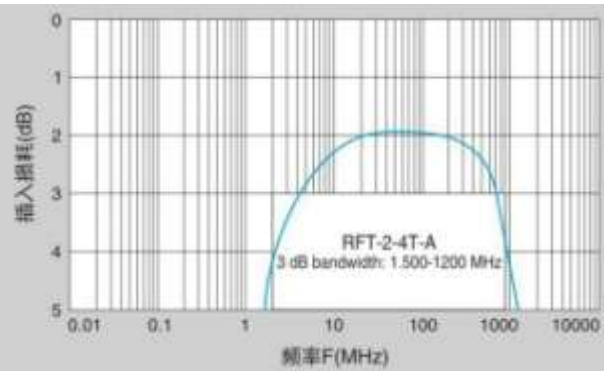
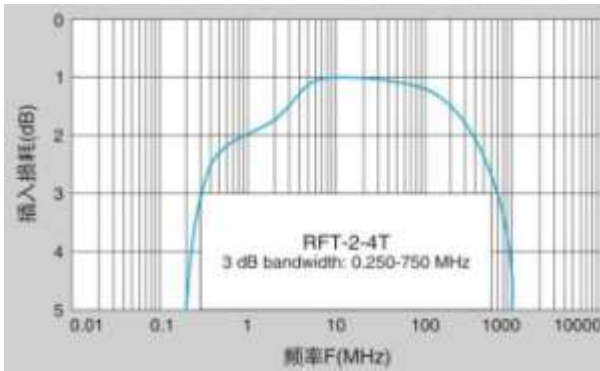
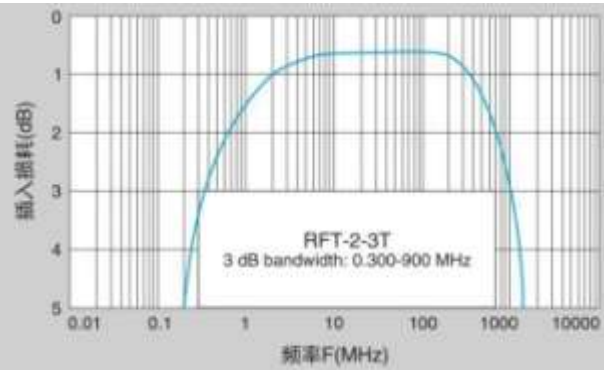
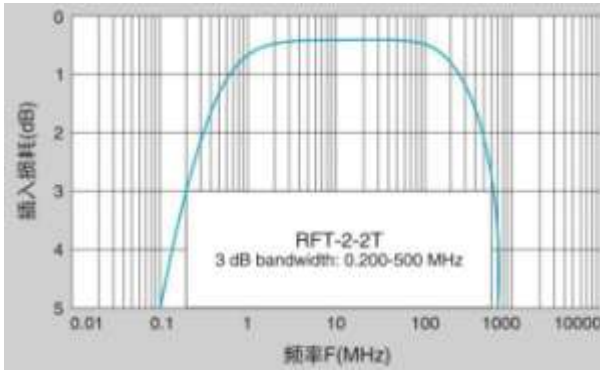
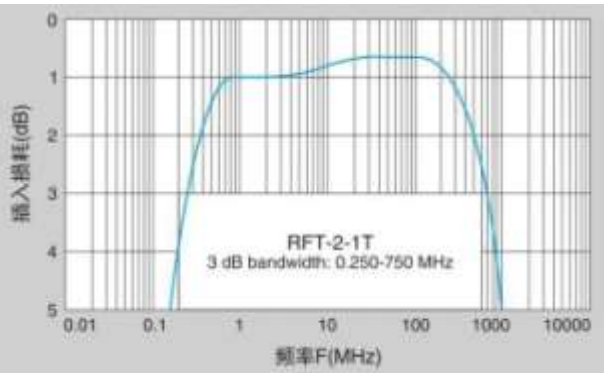
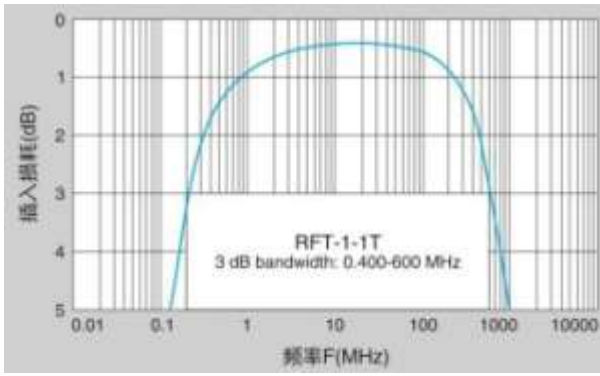
Part Number	Impedance ratio	Frequency Range(MHz)	Insertion Loss Max (dB)	Rated Current (mA)	Schematic diagram	Structure chart
RFT-1-1T	1	0.4-600	3.0	20	Fig 5	Fig 3
RFT-1-1T-A	1	4.5-3000	3.5	36	Fig 8	Fig 1
RFT-1-1T-B	1	650-4000	3.5	30	Fig 8	Fig 1
RFT-1-1T-C	1	0.3-100	3.0	36	Fig 8	Fig 4
RFT-1-1T-D	1	5-1500	4.5	30	Fig 8	Fig 2
RFT-1-1T-F	1	0.4-200	1.8	30	Fig 6	Fig 1
RFT-2-1T	1	2.5-750	3.0	25	Fig 9	Fig 3
RFT-2-2T	2	0.2-500	3.0	15	Fig 9	Fig 3
RFT-2-2T-A	2	3-300	3.0	25	Fig 10	Fig 1
RFT-2-2T-C	1	0.4-500	3.0	30	Fig 10	Fig 1
RFT-2-2T-E	4	0.5-300	3.0	30	Fig 10	Fig 1
RFT-2-3T	3	0.3-900	3.0	20	Fig 9	Fig 3
RFT-2-4T	4	0.25-750	4.0	30	Fig 9	Fig 3
RFT-2-4T-A	4	1.5-1200	4.5	15	Fig 9	Fig 3
RFT-2-4T-B	4	0.5-1000	6.8	10	Fig 9	Fig 3
RFT-2-4T-C	4	0.3-700	4.0	10	Fig 9	Fig 3
RFT-2-4T-D	4	2-800	4.5	30	Fig 10	Fig 1
RFT-2-4T-E	4	0.3-800	4.0	25	Fig 10	Fig 1
RFT-2-8T	8	0.15-600	7.0	17	Fig 9	Fig 3
RFT-2-9T	9	0.3-500	4.0	10	Fig 9	Fig 3
RFT-2-9T-A	9	10-75	5.5	25	Fig 10	Fig 1
RFT-2-16T	16	0.6-300	5.5	10	Fig 9	Fig 3
RFT-3-4T	4	0.25-800	3.0	30	Fig 7	Fig 3



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Electrical Characteristics



Mode Comparison Table

Part No	Our No	Manufactures	Part No	Part No	Our No	Manufactures	Part No
1	RFT-1-1T	Coilcraft	WBC1-1L	12	RFT-2-4T-C	Coilcraft	WBC4-6TL
2	RFT-1-1T-A	M/COM	ETC1-1-13	13	RFT-2-8T	Coilcraft	WBC8-1L
3	RFT-1-1T-B	MINI	TC1-1-43X	14	RFT-2-9T	Coilcraft	WBC9-1L
4	RFT-2-1T	Coilcraft	WBC1-1TL	15	RFT-2-16T	Coilcraft	WBC16-1TL
5	RFT-2-2T	Coilcraft	WBC2-1TL	16	RFT-3-4T	Coilcraft	WBC4-4L
6	RFT-2-2T-A	MINI	TC2-1T	17	RFT-2-2T-E	MINI	TC4-1T
7	RFT-2-2T-C	MINI	TC1-1T	18	RFT-4-4T-A	MINI	TC4-19
8	RFT-2-3T	Coilcraft	WBC3-1TL	19	RFT-2-4T-D	M/COM	ETC4-1-2
9	RFT-2-4T	Coilcraft	WBC4-1TL	20	RFT-1-1T-G	MINI	TC4-1W
10	RFT-2-4T-A	Coilcraft	WBC4-14L	21	RFT-4-4T-B	M/COM	ETC1.6-4-2-3
11	RFT-2-4T-B	Coilcraft	WBC4-1WL				



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