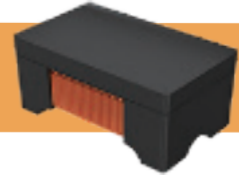


绕线片式均衡器—BW 系列

Wire Wound Chip Balun Transformer – BW Series



工作温度
Operating Temp

◆ -40℃~+85℃

特征
Features

- ◆ 绕线结构, 小尺寸
- ◆ 表面贴装
- ◆ 低插损
- ◆ 优异的焊接性能
- ◆ Winding structure and small size
- ◆ Surface mount type
- ◆ Low insertion loss at frequency range
- ◆ Excellent solderability

用途
Applications

- ◆ 天线与电缆之间的平衡非平衡转换
- ◆ Balanced-unbalanced transformation between antenna and cable (TV tuner)

产品型号

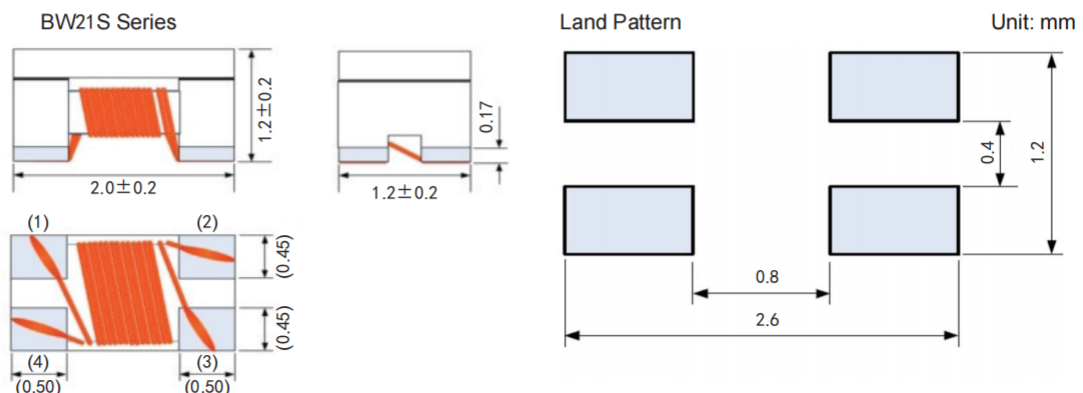
Product Identification

1	2	3	4	5	6	7	8	9
B	W	21	S	75	11	A01	T	F

1	2	3
分类 Type	结构 Structure	外形尺寸 (L×W) (mm) External Dimensions (L×W) (mm)
B 片式均衡器 Chip Balun Transformer	W 绕线式 Winding Type	21 2.0×1.2 43 4.5×3.2
4	5	6
类型 Type of Transformer	端口阻抗 Port Impedance	阻抗转换比 Impedance Ratio
S 标准型 Standard C 内部代号 Internal Code	75 75 Ω 50 50 Ω	11 1:1 One to One
7	8	9
特性代码 Characteristic Code	包装 Packing	无有害物质产品 Hazardous Substance Free Products
A01 B02 C01 D01 E01	T 编带 Tape Carrier Package	F

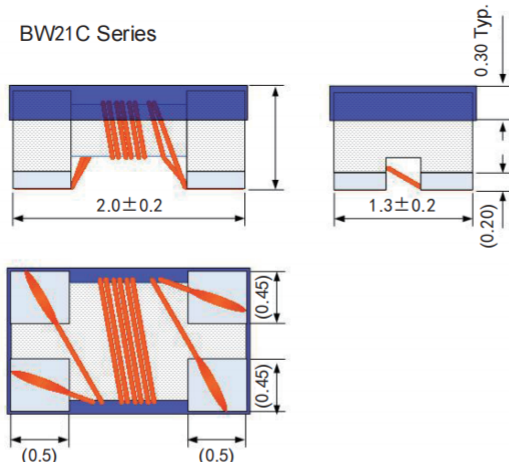
外观尺寸

Shape and Dimensions



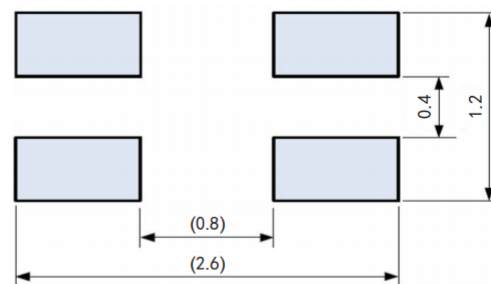
外观尺寸 Shape and Dimensions

BW21C Series

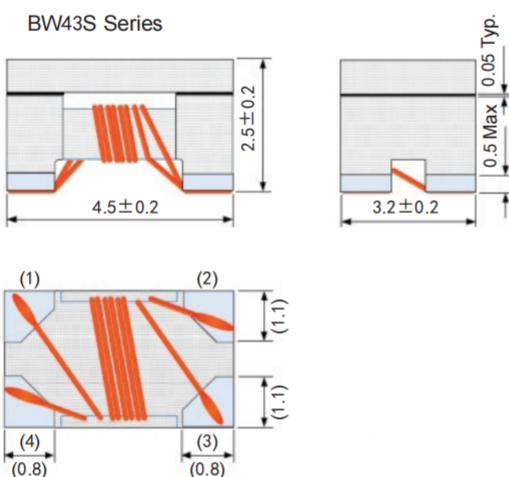


Land Pattern

Unit: mm

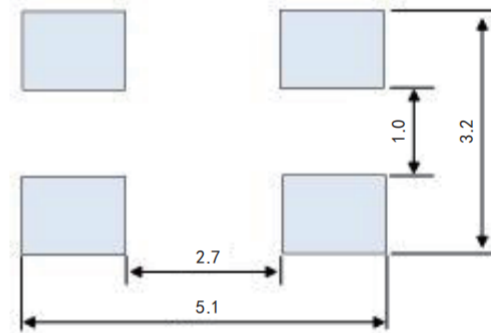


BW43S Series



Land Pattern

Unit: mm



规格特性 Specifications

BW21S TYPE

型号 Part Number	频率范围 Freq. Range	端口阻抗 Port Impedance	插入损耗 Insertion Loss at Freq. Range	共模抑制比 CMRR at Freq. Range(Min.)	额定功率 Rated Power
单位 Units	MHz	Ω	dB	dB	dBm
BW21S7511A01TF	45~870	75/75	1.0	20	27
BW21S5011A01TF	45~870	50/50	1.2	20	27
BW21S7511B02TF	50~1200	75/75	1.2	20	27
BW21S7511C01TF	1000~1500	75/75	1.4	20	27
BW21S7511D01TF	950~2150	75/75	1.5	20	27
BW21S7511E01TF	400~1800	75/75	2.0	10	27

BW21C TYPE

型号 Part Number	频率范围 Freq. Range	端口阻抗 Port Impedance	电感量 Inductance	插入损耗 Insertion Loss	回波损耗 Return Loss	直流电阻 DC Resistance	额定电流 Rated Current	共模抑制比 CMRR	绝缘电阻 Insulation Resistance
单位 Units	MHz	Ω	uH	dB	dB	Ω	mA	dB	MΩ
BW21C2511A01TF	13.56	25/25	1.0 Min.	1.0 Max.	13 Typ.	0.75 Max.	220 Min.	47 Min.	10 Min.

规格特性 Specifications

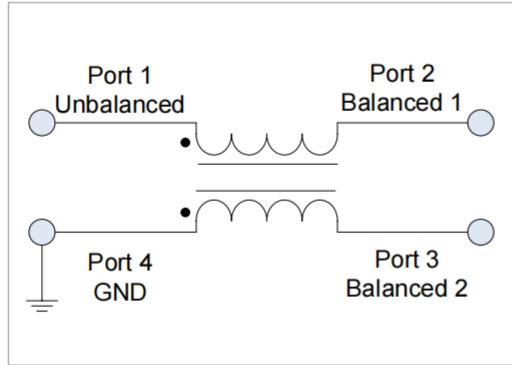
BW43S TYPE

型号 Part Number	频率范围 Freq. Range	端口阻抗 Port Impedance	电感量 Inductance @50MHz	插入损耗 Insertion Loss	直流电阻 DC Resistance	额定电流 Rated Current	额定电压 Rated Voltage	绝缘电阻 Insulation Resistance (MΩ)
单位 Units	MHz	Ω	uH	dB	Ω	mA	VDC	dB
BW43S5011C01TF	4~200	50/50	1.25 Typ.	2.52 Typ.	0.40 Max.	540 Max.	50	10 Min.
BW43S5011E01TF	48~645	50/50	1.00 Typ.	6.66 Typ.	0.15 Max.	960 Max.	50	10 Min.

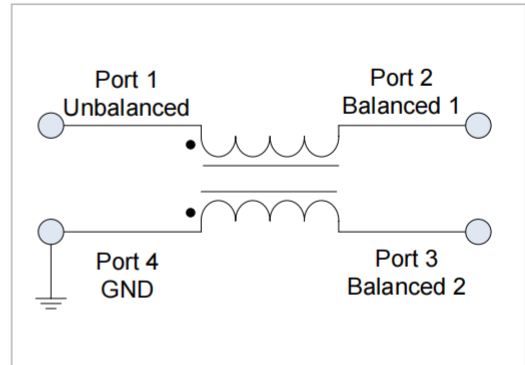
※: 可根据客户需求提供其他电气特性产品。请联系您当地的销售人员。

※: Products with other Electrical Characteristics can be provided upon customer's request. Please contact your local sales.

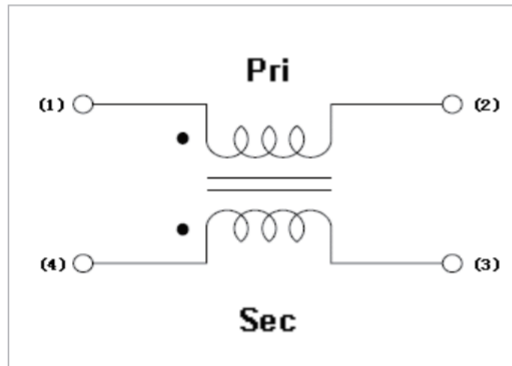
等效电路 Equivalent Circuit



BW21S



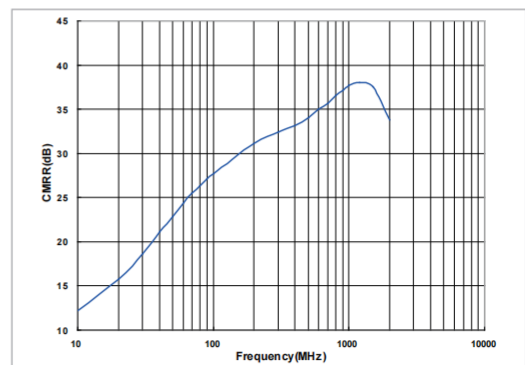
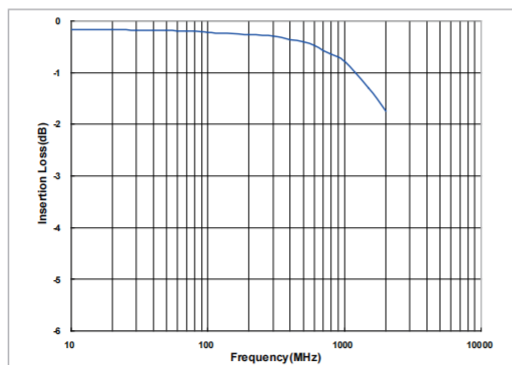
BW21C



BW43S

电气特性 Typical Electrical Characteristics

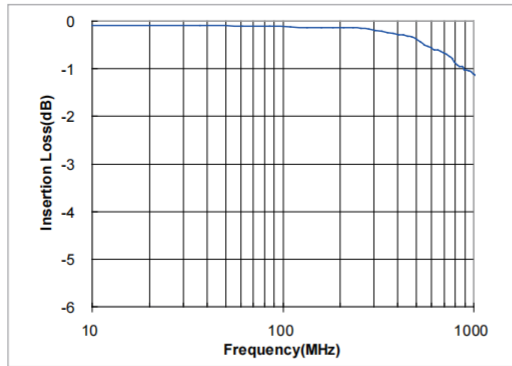
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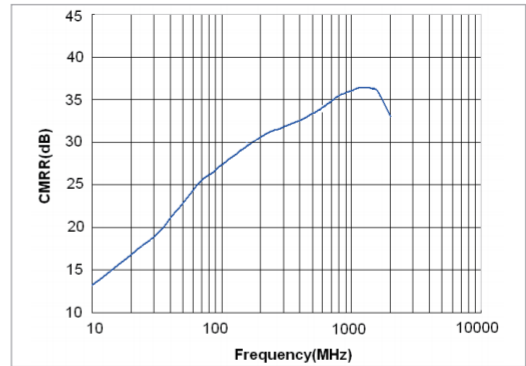
电气特性

Typical
Electrical
Characteristics

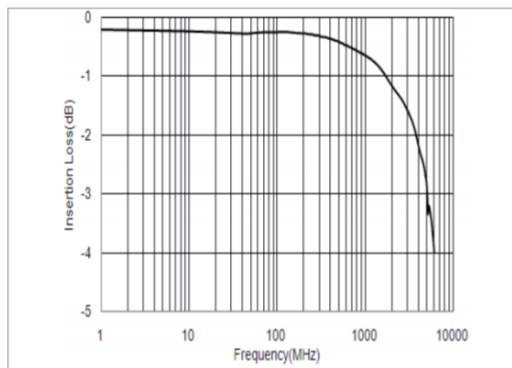
BW21S5011A01TF
Insertion Loss Characteristics



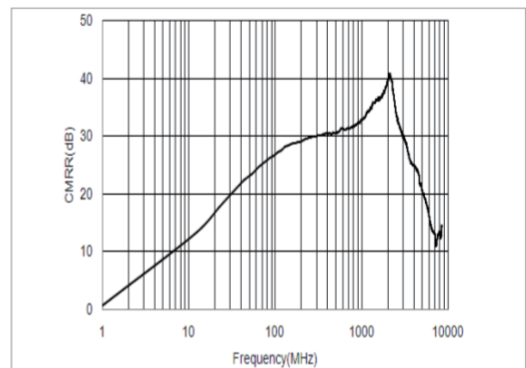
CMRR Characteristics



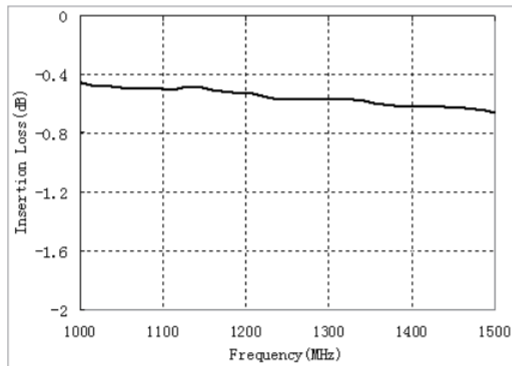
BW21S7511B02TF
Insertion Loss Characteristics



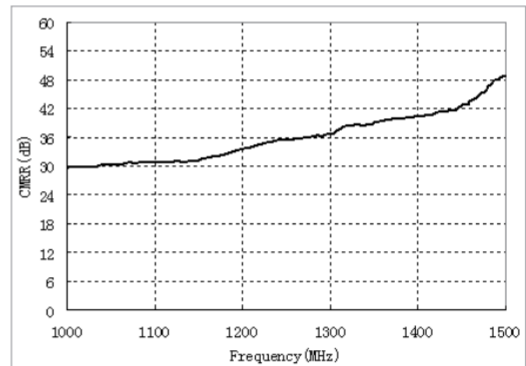
CMRR Characteristics



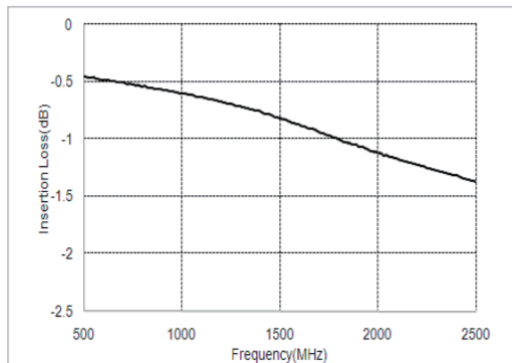
BW21S7511C01TF
Insertion Loss Characteristics



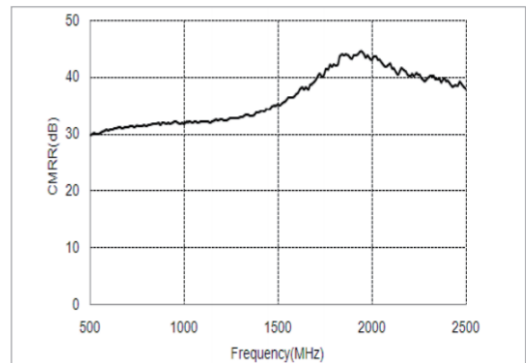
CMRR Characteristics



BW21S7511D01TF
Insertion Loss Characteristics



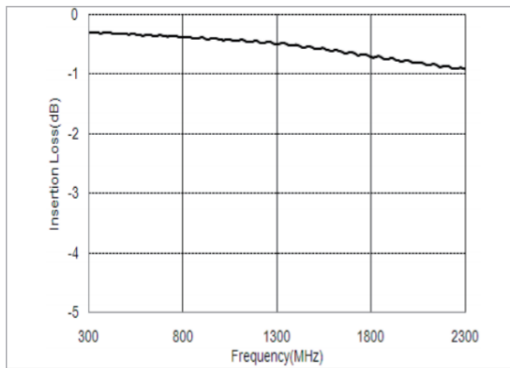
CMRR Characteristics



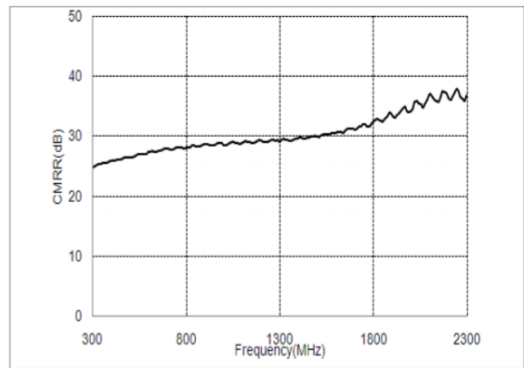
电气特性

Typical
Electrical
Characteristics

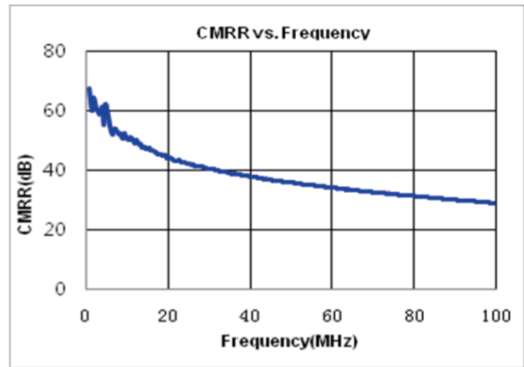
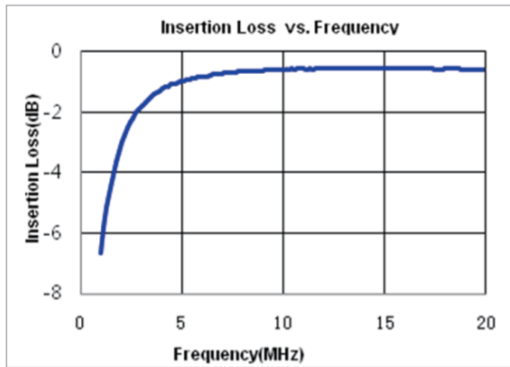
BW21S7511E01TF
Insertion Loss Characteristics



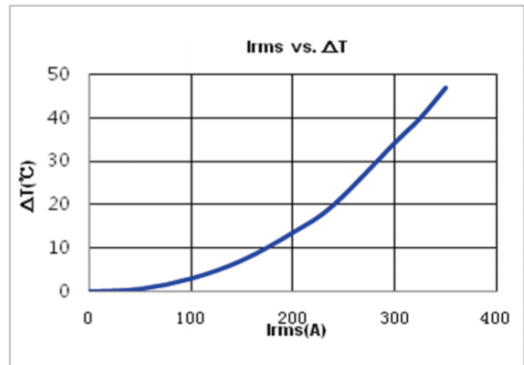
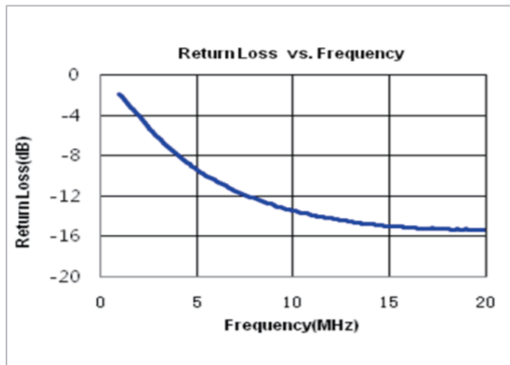
CMRR Characteristics



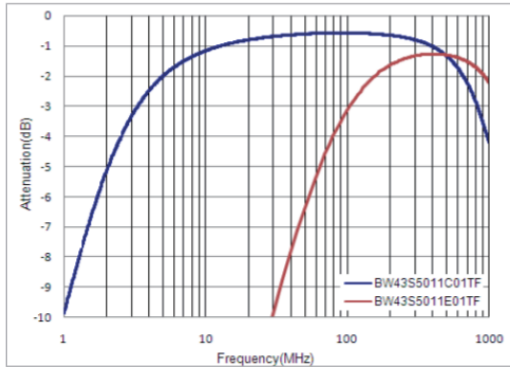
BW21C2511A01TF



BW21C2511A01TF



BW43S5011C01TF/BW43S5011E01TF



Multilayer Chip
LC Filter

Multilayer Chip
Balun

Multilayer Chip
Diplexer

Multilayer Chip
Triplexer

Multilayer Chip LC
Coupler

Multilayer Chip
Antenna

Wire Wound Chip
Balun Transformer

Ceramic Dielectric
Filter