

EMI BEAD FILTERS (PATENTED)

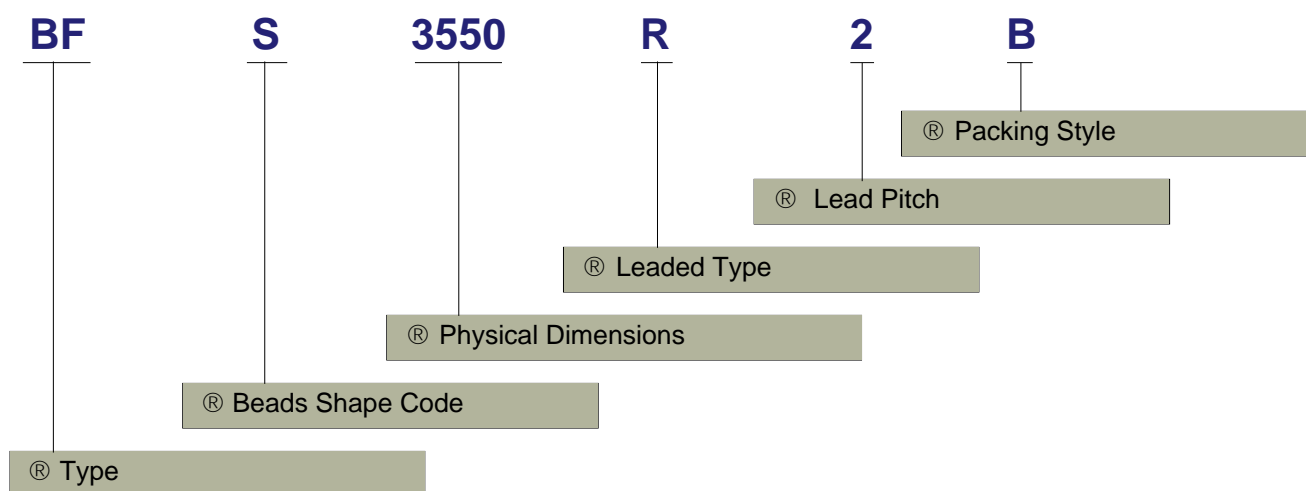
FEATURES

- Simple to handle and inexpensive in price.
- Available in various configurations to conform to the wiring materials in use the characteristics as required.
- Absorbs noise effectively because of the impedance over 30 \cdot μ n high frequency band(from 10 to 1000MHz).
- Automatic insertion type of taping is available.
- Their applications include high-frequency chocking and the prevention of extraordinary oscillation as well as noise in circuits.
- An invention patented article (High impedance products by manufacture method : high IZI & IZI Tol. \circ \circ \circ Korea, Japan, U.S.A, U.K, Taiwan, Germany, Sweden, Italy.

APPLICATION

- Computers and peripheral equipment, Digital VTR, TV, Audio, Computer Game machine etc.

TYPE DESIGNATION






- Type : Bead Filter
- Beads Shape Code
 - \circ S : Single Bead
 - \circ D : Double Bead
 - \circ W : Wide Bead
- Beads Size Code

Unit(mm)




CODE	S&D TYPE				W TYPE						
	SIZE		SIZE		SIZE		SIZE				
	O.D	L	O.D	L	O.D	L T					
2550	2.5	5.0	3580	3.5	8.0	5050	5.0	5T0	6050	6.0	5T0
3530	3.5	3.0	3510	3.5	10	6010	6.0	10	6070	6.0	7.0
3550	3.5	5.0	3512	3.5	12	6575	6.5	7T5	7550	7.5	5.0
3565	3.5	6.5	3514	3.5	14		T		7570	7.5	7.0

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


(4) Leaded Type

-  : Axial leaded
-  : Radial leaded
-  : Leadless

(5) Lead Pitch

-  : Straight
-  : 5β Pitch
-  : 10β Pitch

(6) Packing Style

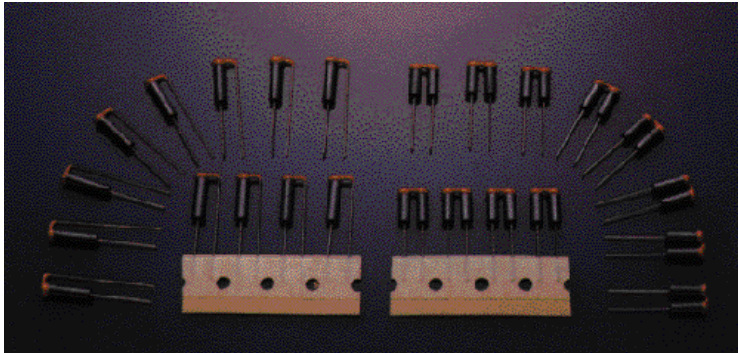
-  : Bulk Packing
-  : Taping Type Flat Pack(Radial)
-  : Taping Type Flat Pack(Axial 26β)
-  : Taping Type Flat Pack(Axial 52β)

ELECTRICAL CHARACTERISTICS

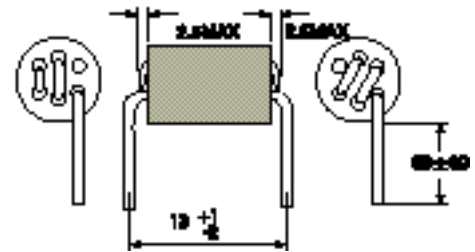
SPEC	Z _E (Ω) at 100MHz		DC Resistance(mΩ)	Insulation Resistance (MΩ DC 100V)	Allowable DC Current
	min	TYP			
BFD 1650 R2	60	80	10	1	3
BFS 2070 R2	60	75	10	1	3
BFD 2070 R2	120	150	10	1	3
BFS 2550 A0	50	65	10	1	3
BFS 2550 R2	50	65	10	1	3
BFD 2550 R2	100	130	10	1	3
BFS 3550 A0	65	70	10	1	7
BFS 3550 R2	65	70	10	1	7
BFD 3550 R2	130	140	10	1	7
BFS 3565 A0	80	100	10	1	7
BFS 3565 R2	80	100	10	1	7
BFD 3565 R2	160	200	10	1	7
BFS 3580 A0	103	120	10	1	7
BFS 3580 R2	103	120	10	1	7
BFD 3580 R2	206	240	10	1	7
BFS 3510 A0	120	150	10	1	7
BFS 3510 R2	120	150	10	1	7
BFD 3510 R2	240	300	10	1	7
BFS 3512 A0	148	180	10	1	7
BFS 3512 R2	148	180	10	1	7
BFD 3512 R2	296	360	10	1	7
BFS 3514 A0	170	210	10	1	7
BFS 3514 R2	170	210	10	1	7
BFD 3514 R2	340	420	10	1	7
BFW 6050 R2	100	115	10	1	7
BFW 7550 R2	90	110	10	1	7
BFW 7570 (BER 6010 1.5T)	130	140	10	1	7
BFR 6575 (3.5T)	910	950	10	1	7
BFR 5050 A0 (5.5T)	950	1000	10	1	7
BFR 5050 A0 (3.5T)	660	710	10	1	7

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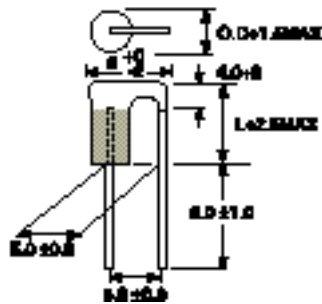
RADIAL TYPE



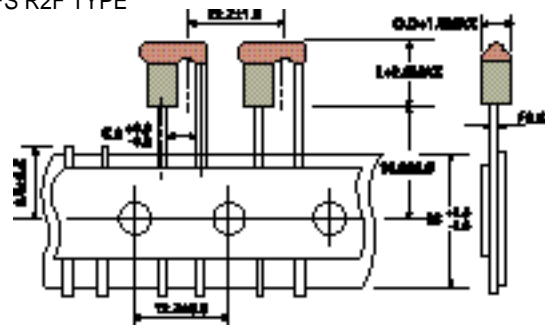
BFR 6010 TYPE



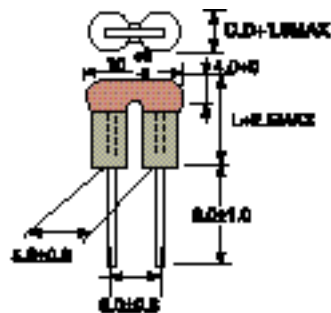
BFS R2B TYPE



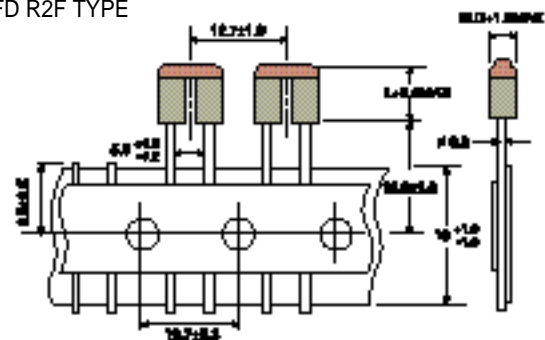
BFS R2F TYPE



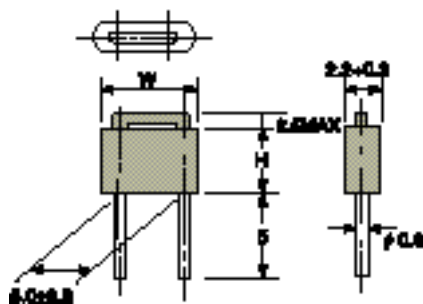
BFD R2B TYPE



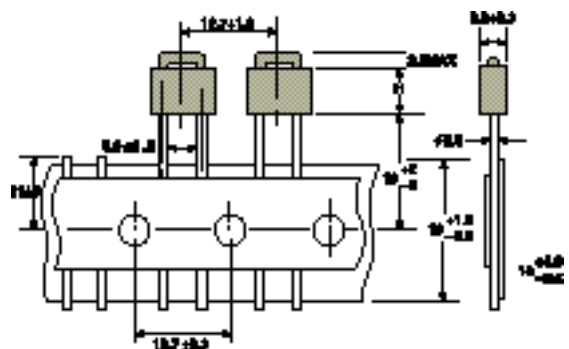
BFD R2F TYPE



BFW R2B TYPE



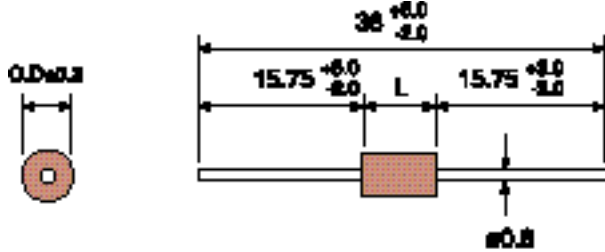
BFW R2F TYPE



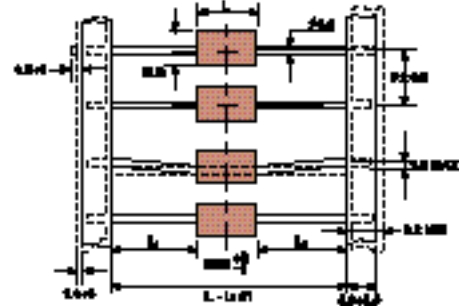
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AXIAL TYPE

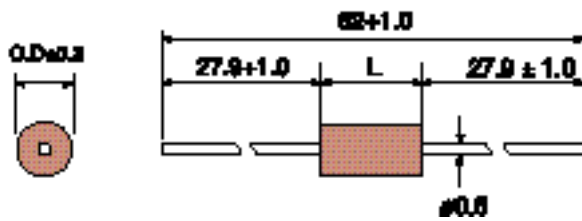
BFS A0B TYPE (26mm)



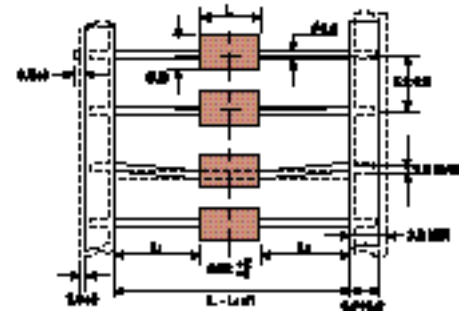
BFS A0S TYPE (26mm)



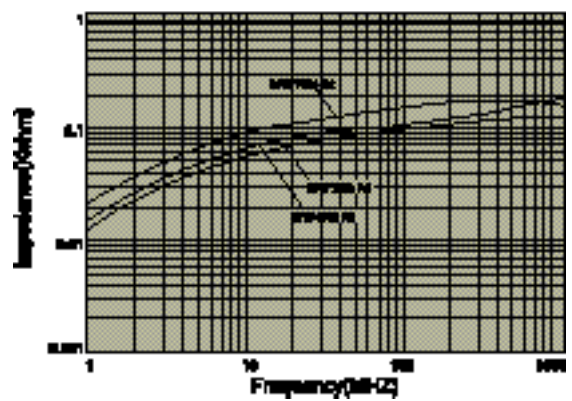
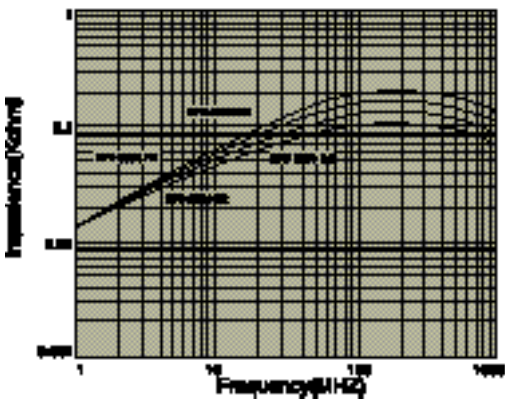
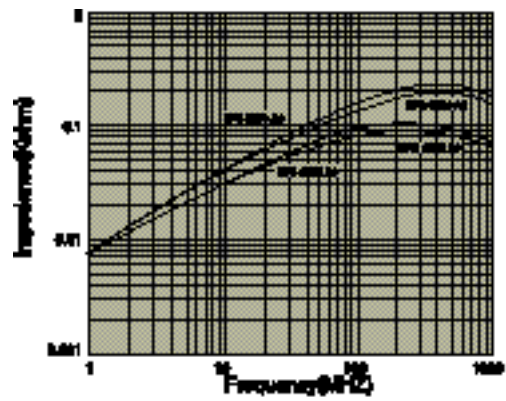
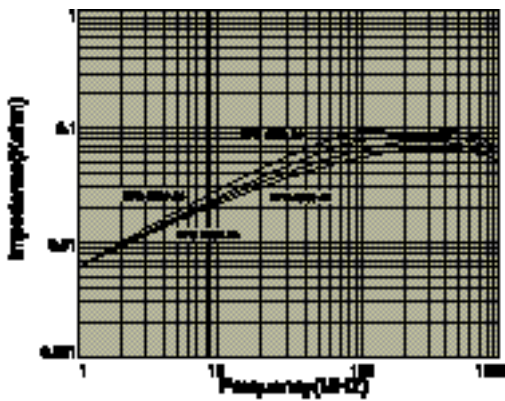
BFS A0B TYPE (52mm)



BFS A0L TYPE (52mm)

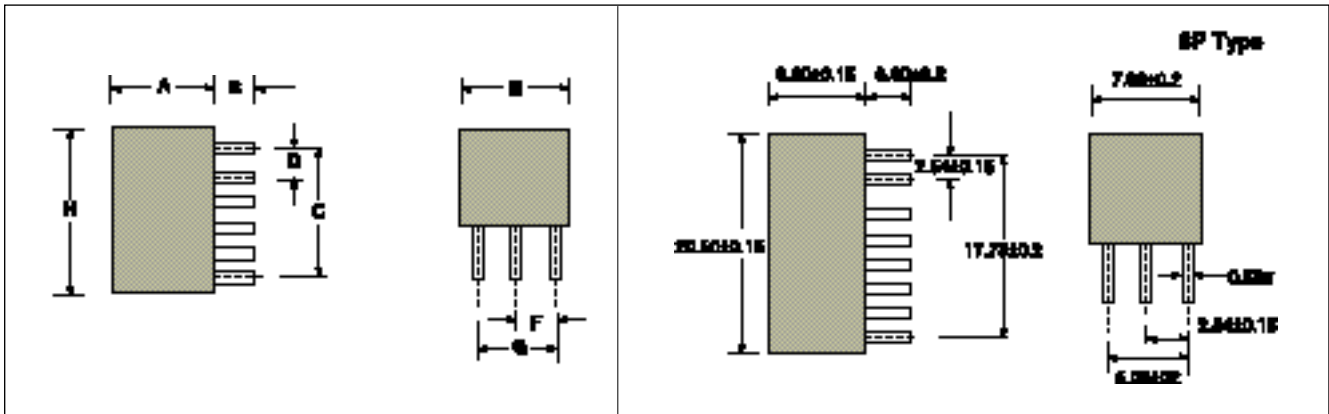


CHARACTERISTICS (GREEN LINE : EXISTING PRODUCTS)



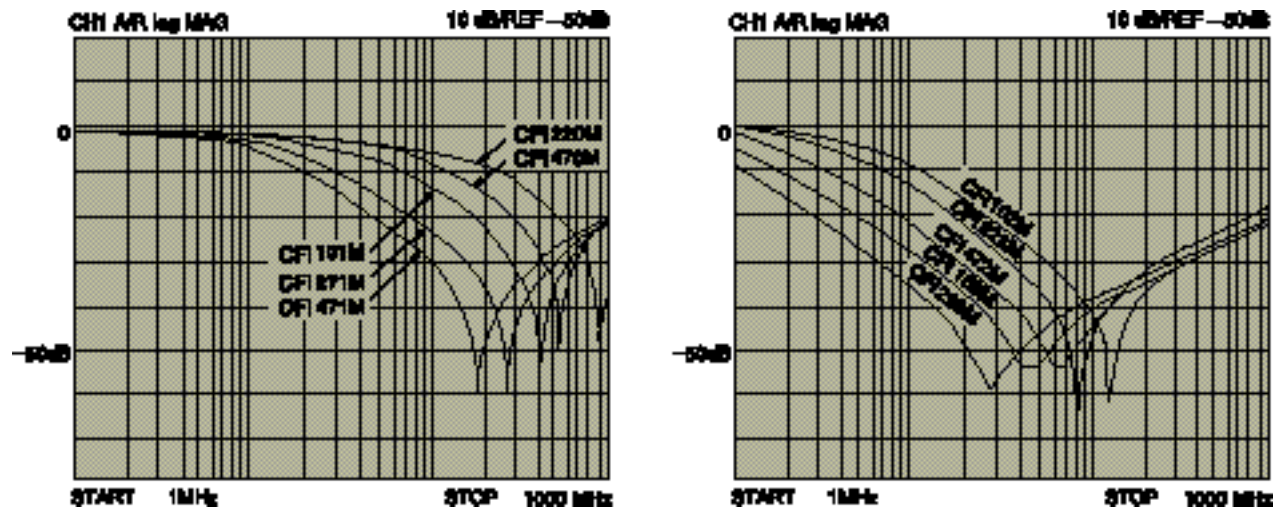
LC ARRAY TYPE EMI SUPPRESSION FILTERS

SPECIFICATIONS



Dimensions Spec. No	A	B	C	D	E	F	G	H	Remark
LC A221M° 6P	6.20° ±0.15	3.60° ±0.2	12.70° ±0.2	2.54° ±0.15	7.80° ±0.2	2.54° ±0.15	5.08° ±0.2	15.50° ±0.2	6P¶ 3(18H)
LC A221M° 8P	6.20° ±0.15	3.60° ±0.2	17.78° ±0.2	2.54° ±0.15	7.80° ±0.2	2.54° ±0.15	5.08° ±0.2	20.50° ±0.2	8P¶ 3(24H)
LC A221M° 10P	6.20° ±0.15	3.60° ±0.2	22.86° ±0.2	2.54° ±0.15	7.80° ±0.2	2.54° ±0.15	5.08° ±0.2	25.50° ±0.2	10P¶ 3(30H)
LC A221M° 11P	6.20° ±0.15	3.60° ±0.2	25.4° ±0.2	2.54° ±0.15	7.80° ±0.2	2.54° ±0.15	5.08° ±0.2	27.90° ±0.2	11P¶ 3(33H)

TYPICAL INSERTION LOSS CHARACTERISTICS



¶ SPEC MATERIAL : LCA 101M° , LCA 222M° , LCA 471M° © ©
 LCA 102M° , LCA 223M° , LCA 473M° © ©
 LCA 200M° , LCA 271M° , © ©

- 1) Above measurement date may varies within ° 10%.
- 2) Above LC Arrays can be manufactured according to customer's specifications on requesting.
- 3) Above LC Arrays are mountable by automatic surface° mounting machine.

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