EMI BEAD FILTERS (PATENTED)

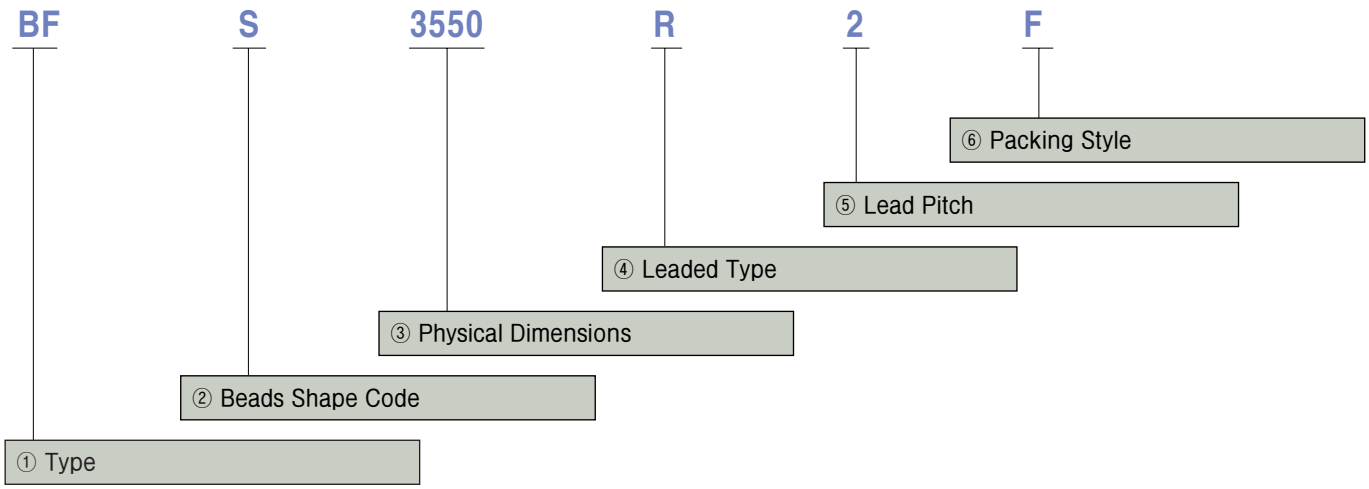
FEATURES

- 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 30Ω in 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.±5Ω) : 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



(1) Type : Bead Filter

(2) Beads Shape Code

- S : Single Bead
- D : Double Bead
- W : Wide Bead

(3) Beads Size Code

Unit(mm)

S&D TYPE						W TYPE	
CODE	SIZE O.D * L	CODE	SIZE O.D * L	CODE	SIZE O.D * L	CODE	SIZE W * L
2550	2.5 * 5.0	3565	3.5 * 6.5	3514	3.5 * 14	6010	6.0 * 1.0
3550	3.5 * 5.0	3580	3.5 * 8.0	5050	5.0 * 5.0	7550	7.5 * 5.0
3557	3.5 * 5.7	3510	3.5 * 10				
3560	3.5 * 6.0	3512	3.5 * 12				

(4) Leaded Type
- A : Axial leaded
- R : Radial leaded
- Leadless

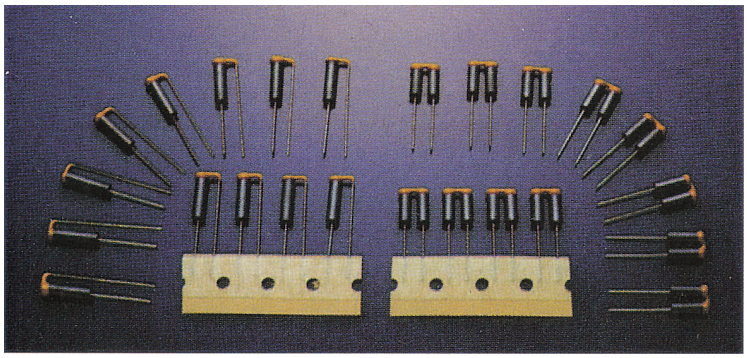
(5) Lead Pitch
- 0 : Straight
- 2 : 5mm Pitch
- 4 : 10mm Pitch

(6) Packing Style
- B : Bulk Packing
- F : Taping Type Flat Pack(Radial)
- S : Taping Type Flat Pack(Axial 26mm)
- L : Taping Type Flat Pack (Axial 52mm)

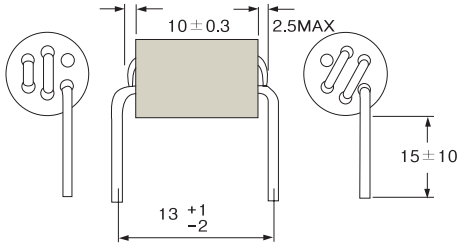
ELECTRICAL CHARACTERISTICS

SPEC	| Z | (Ω)at 100MHz		DC Resistance(mΩ)	Insulation Resistance(MΩ) (at DC 100V)	Allowable DC Current(A Max)
	min	TYPICAL			
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	6
BFS 3550 R2	65	70	10	1	6
BFD 3550 R2	130	140	10	1	6
BFS 3565 A0	80	100	10	1	6
BFS 3565 R2	80	100	10	1	6
BFD 3565 R2	160	200	10	1	6
BFS 3580 A0	103	120	10	1	6
BFS 3580 R2	103	120	10	1	6
BFD 3580 R2	206	240	10	1	6
BFS 3510 A0	120	150	10	1	6
BFS 3510 R2	120	150	10	1	6
BFD 3510 R2	240	300	10	1	6
BFS 3512 A0	148	180	10	1	6
BFS 3512 R2	148	180	10	1	6
BFD 3512 R2	296	360	10	1	6
BFS 3514 A0	170	210	10	1	6
BFS 3514 R2	170	210	10	1	6
BFD 3514 R2	340	420	10	1	6
BFW 6050 R2	100	115	10	1	6
BFW 7550 R2	90	110	10	1	6
BFW 7570 (BER 6010 1.5T)	130	140	10	1	6
BFR 6575 (3.5T)	910	950	10	1	6
BFR 5050 A0 (5.5T)	950	1000	10	1	6
BFR 5050 A0 (3.5T)	660	710	10	1	6

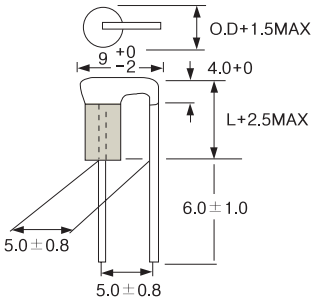
RADIAL TYPE



BFR 6010 TYPE



BFS R2B TYPE



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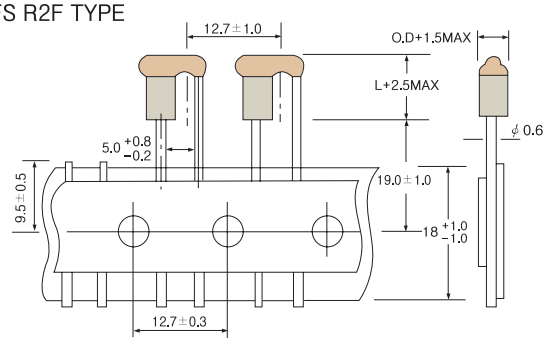

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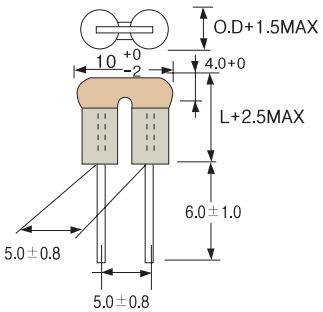

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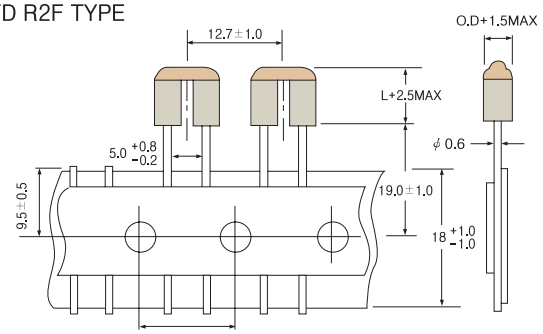
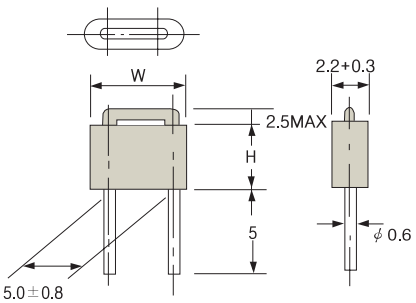
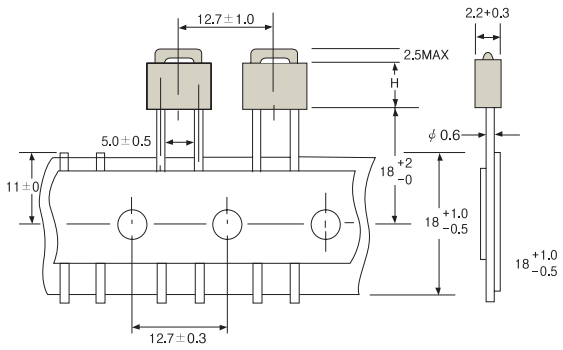


BFW R2B TYPE

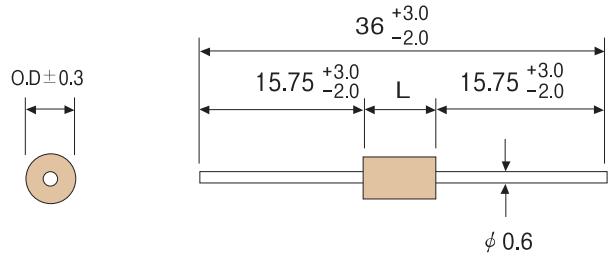


BFW R2F TYPE

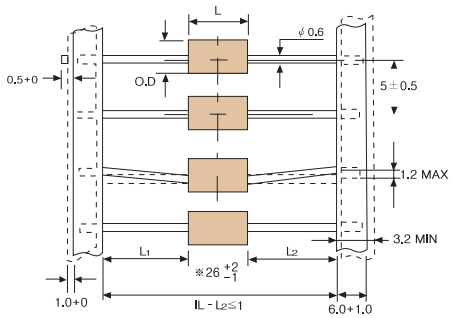


AXIAL TYPE

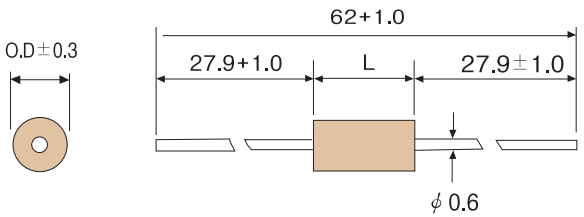
BFS AOB TYPE (26mm)



BFS AOS TYPE (26mm)



BFS AOB TYPE (52mm)



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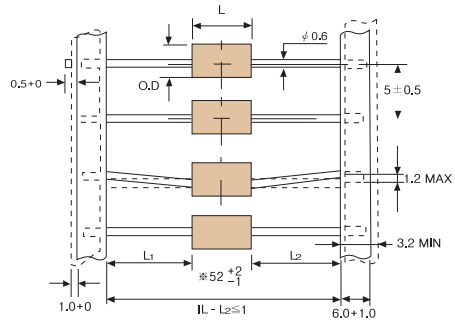

|Z|-f CHARACTERISTICS