

B Series — Low Cost

Low Cost
General Purpose Filtering
Compact Package



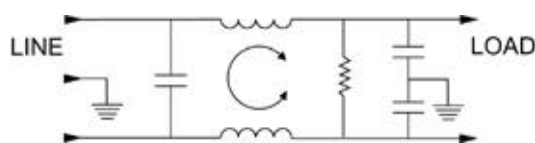
UL Recognized
CSA Certified
VDE Approved

B Series — Low Cost

A low cost alternative to the B series. Manufactured in a way that eliminates all soldered connections and all potting. Features a compact case style with shrouded terminals on the line and load side. The 1-5 amp models offer the same performance as the B series and cost less while the 6 amp provides higher performance filtering.

The E versions meet the very low leakage current requirements of VDE portable equipment and (120 Volt) UL544 nonpatient connected medical equipment.

Electrical Schematic



Resistor location for reference only.



VB1LB/EB1LB

Specifications

	VB Models	EB Models
Maximum leakage current, each line-to-ground		
@ 120 VAC 60 Hz:	.4 mA	.21 mA
@ 250 VAC 50 Hz:	.7 mA	.36 mA
Hipot rating (one minute):		
line-to-ground		2250 VDC
line-to-line		1450 VDC
Operating frequency:		50/60 Hz
Rated voltage:		120/250 VAC

Minimum insertion loss in dB:
Line-to-ground in 50 ohm circuit

Current Rating	Frequency-MHz					
	.15	.5	1	5	10	30
VB Models						
1A, 3A	15	30	38	50	50	50
2A, 5A	7	20	25	40	45	48
6A	17	24	31	42	47	44
EB Models						
1A, 3A	15	29	35	45	45	48
2A, 5A	7	19	23	34	37	42
6A	16	22	27	36	42	50

Line-to-ground in 50 ohm circuit

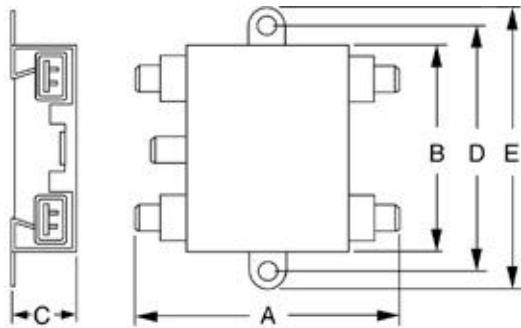
Current Rating	Frequency-MHz					
	.15	.5	1	5	10	30
VB Models						
1A, 3A	2	3	7	33	50	44
2A, 5A	2	4	3	22	46	42
6A	2	3	4	27	51	42
EB Models						
1A, 3A	1	3	7	25	41	48
2A, 5A	2	3	5	14	34	50
6A	2	3	4	22	39	50

Series B — Low Cost

Case Style

Metric shown in italics.

VB1LB, EB1LB



Typical dimensions

Terminals: $\frac{.250}{6.35}$ (5) Holes: $\frac{.07}{1.8}$ Dia. (4) Slot: $\frac{.07 \times .16}{1.8 \times 4.1}$ Mounting holes: $\frac{.188}{4.78}$ Dia. (2)

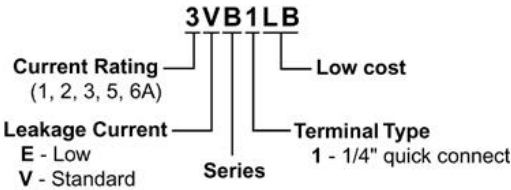
Case Dimensions

Metric shown in italics.

Part No.	A (max)	B (max)	C (max)	D $\pm .008$ $\pm .22$	E (max)
VB1LB,	$\frac{2.34}{59.4}$	$\frac{1.8}{45.7}$	$\frac{.68}{11.7}$	$\frac{2.12}{53.8}$	$\frac{2.5}{63.5}$
EB1LB					

Ordering Information

Consult your local Corcom sales representative for pricing.



Available Part Numbers

1VB1LB	1EB1LB
2VB1LB	2EB1LB
3VB1LB	3EB1LB
5VB1LB	5EB1LB
6VB1LB	6EB1LB