

H Series — Low Cost

Low Cost Medical Filter for
UL544 or UL2601
Healthcare Equipment



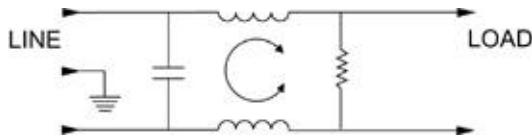
UL Recognized
CSA Certified
VDE Approved

H Series — Low Cost

A low cost alternative version of the H series. Provides similar performance in a similar package and at a lower cost. Also offers a wider range of current ratings.

Designed specifically for health care applications, these filters are suitable for use in both patient care equipment and nonpatient care equipment. Their extremely low leakage current allows compliance with UL544 and UL2601 as well as CSA 22.2 health care specifications.

Electrical Schematic



Resistor location for reference only.



Specifications

Maximum leakage current, each line-to-ground @ 120 VAC 60 Hz: 2 μ A
@ 250 VAC 50 Hz: 5 μ A

Hipot rating (one minute):
line-to-ground 1500 VAC
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
3A	18	27	30	30	27	18
6A	9	16	20	23	23	18

Line-to-line in 50 ohm circuit

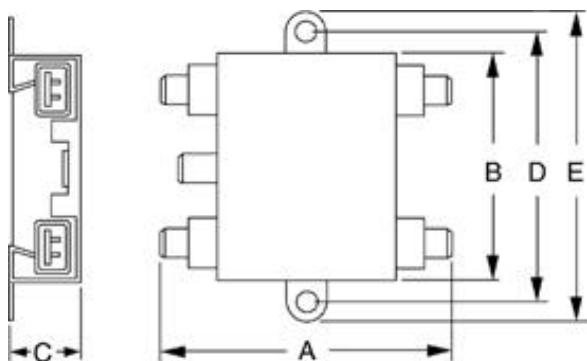
Current Rating	Frequency-MHz					
	.15	.5	1	5	10	30
3A	-	2	4	17	23	24
6A	-	2	4	14	20	23

Series H — Low Cost

Case Style

Metric shown in italics.

EH1LB



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 $\frac{\pm .008}{\pm .22}$	E (max)
3EH1LB,	2.37	1.8	.68	2.12	2.5
6EH1LB	<i>60.2</i>	<i>45.7</i>	<i>11.7</i>	<i>53.8</i>	<i>63.5</i>

Ordering Information

Consult your local Corcom sales representative for pricing.

3EH1LB
Current Rating (3, 6A) — Low cost
Leakage Current E - Low — Terminal Type Series 1 - 1/4" quick connect

Available Part Numbers

3EH1LB

6EH1LB