



## Corcom H Series 20A Power Line Filters

The H Series filters are suitable for use in medical equipment and feature a 2 element circuit that provides general purpose performance above 1MHz with minimal leakage current. The new 20A versions are for chassis mount installations and offer either spade or threaded bolt terminations.

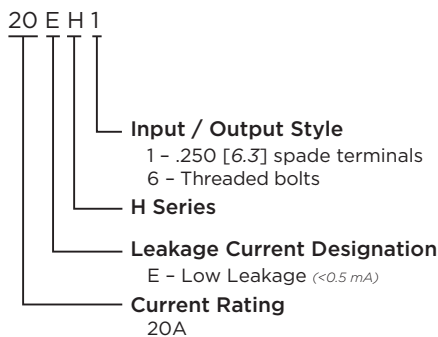
### KEY FEATURES

- Minimal leakage current suitable for medical equipment
- Two element circuit provides basic EMI attenuation above 1MHz
- Low profile design allows for a space-saving design solution
- Compliant with internal spacing requirements for UL60601-1, 3<sup>rd</sup> edition for medical applications
- Capacitive input
- Designed for easy connection and installation

### APPLICATIONS

- Dialysis machines
- Diagnostic equipment
- Medical laser
- CAT scanners
- MRT scanners
- Dentist equipment
- Operating room equipment
- Physical therapy equipment

### ORDERING INFORMATION



### STANDARDS AND SPECIFICATIONS

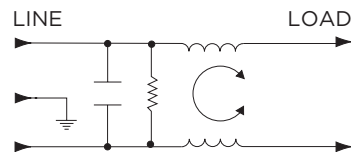
- UL Recognized
- VDE Approved
- CSA Pending



### ELECTRICAL SPECIFICATIONS

Hipot rating (one minute):	Line to Ground:	1500 VAC
	Line to Line:	1450 VDC
Rated Voltage:		250 VAC
Operating Frequency:		50/60 Hz
Rated Current:		20A max.

### ELECTRICAL SCHEMATIC



### PRODUCT OFFERING

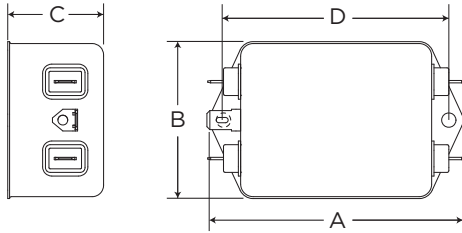
- 3-1609037-8:** 20EH1 20A H Series filter with spade terminals  
**4-1609037-3:** 20EH6 20A H Series filter with threaded bolt terminals

Samples Available

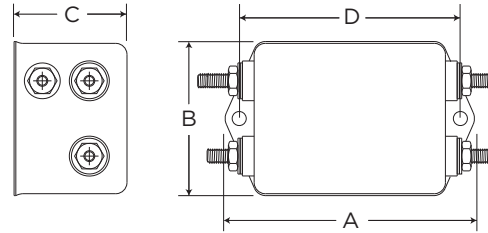


CASE STYLES

20EH1



20EH6



DIMENSIONS

Part Numbers	A (max)	B (max)	C (max)	D ± .015 ± .38
20EH1	3.35	2.07	1.31	2.94
	<i>85</i>	<i>52.6</i>	<i>33.3</i>	<i>74.63</i>
20EH6	3.35	2.07	1.53	2.94
	<i>85</i>	<i>52.6</i>	<i>38.9</i>	<i>74.63</i>

PERFORMANCE DATA

Minimum Insertion Loss - Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency — MHz					
	.15	.5	1	5	10	30
20A	10	20	21	15	15	15

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency — MHz					
	.15	.5	1	5	10	30
20A	-	1	5	20	30	25

Dimensions in inches and millimeters unless otherwise shown. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change. Customer drawing should be used for all design activity.

