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, 3rd 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

20 E H 1

Input / Output Style
1 – .250 [*6.3*] spade terminals
6 – Threaded bolts

H Series

Leakage Current Designation
E – Low Leakage *(<0.5 mA)*

Current Rating
20A

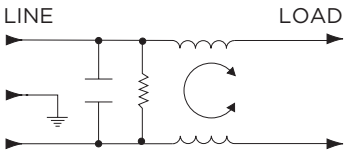
STANDARDS AND SPECIFICATIONS

- 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

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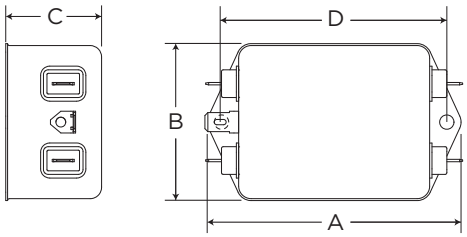
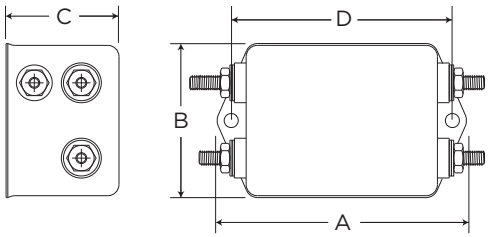
USA: 1-800-522-6752
Canada: +1-905-475-6222
Mexico: +52 (0) 55-1106-0800
Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666
France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

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
	85	*52.6*	*33.3*	*74.63*
20EH6	3.35	2.07	1.53	2.94
	85	*52.6*	*38.9*	*74.63*

PERFORMANCE DATA

Minimum Insertion Loss - Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

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

Differential Mode / Symmetrical (Line to Line)

	Frequency — MHz					
Current Rating	.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.
Dimenions are shown for reference purposes only. Specifications subject to change.
Customer drawing should be used for all design activity.

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