

Corcom HQ Series
20A Power Line Filters

The HQ Series filters are designed to provide the highest available attenuation of RFI noise in the frequency ranges from 10kHz to 30MHz for low leakage current applications. The new 20A versions come in a chassis mount style and offer spade or threaded bolt termination options.

KEY FEATURES

- Size and cost effective design
- Two stage electrical setup provides highest available attenuation of RFI noise in the frequency range from 10kHz to 30MHz
- Compliant with internal spacing requirements for UL60601-1, 3rd edition for medical applications
- Designed for easy connection and installation
- Optimized for attenuation and size

APPLICATIONS

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

ORDERING INFORMATION

20 E HQ 1

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

HQ Series

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

Current Rating
20A

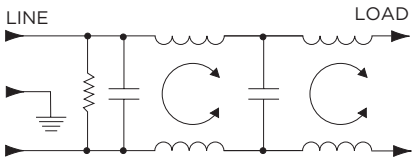
STANDARDS AND SPECIFICATIONS

- 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

4-1609037-2:	20EHQ1	*20A HQ Series filter with spade terminals*
4-1609037-1:	20EHQ6	*20A HQ Series filter with threaded bolt terminals*

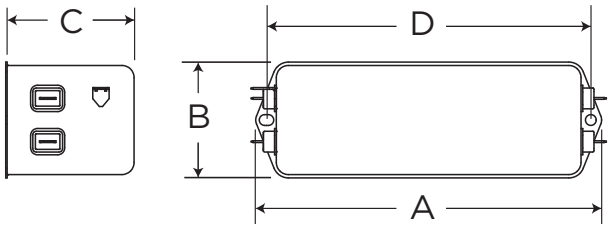
Samples Available

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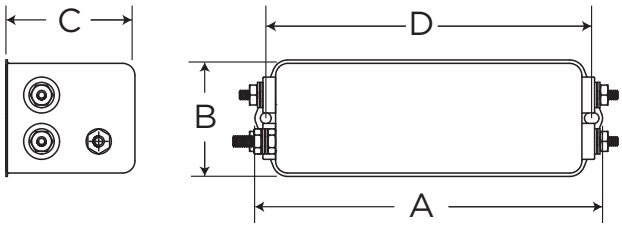
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CASE STYLES

20EHQ1



20EHQ6



DIMENSIONS

Part Numbers	A (max)	B (max)	C (max)	D ± .015 ± .38
20EHQ1	6.03	2.07	2.28	5.63
	153.2	*52.6*	*57.9*	*142.9*
20EHQ6	6.03	2.07	2.28	5.63
	153.2	*52.6*	*57.9*	*142.9*

PERFORMANCE DATA

Minimum Insertion Loss - Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency — MHz .01	.02	.05	.15	.5	1	5	10	30
20A	6	12	20	30	34	34	25	20	15

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency — MHz .01	.02	.05	.15	.5	1	5	10	30
20A	15	20	20	46	65	70	65	60	60

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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