

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

STANDARDS AND SPECIFICATIONS

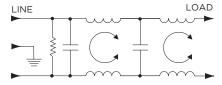
- UL Recognized
- VDE Approved
- CSA Pending



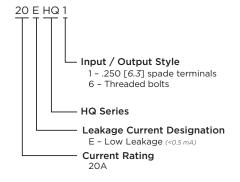
ELECTRICAL SPECIFICATIONS

Him at matin or Company in the No	Line to Ground:	1500 VAC					
Hipot rating (one minute):	Line to Line:	1450 VDC					
Rated Voltage:		250 VAC					
Operating Frequency:		50/60 Hz					
Rated Current:		20A max.					

ELECTRICAL SCHEMATIC



ORDERING INFORMATION



PRODUCT OFFERING

4-1609037-2: 20EHQ1 20A HQ Series filter with spade terminals

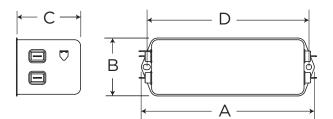
4-1609037-1: 20EHQ6 20A HQ Series filter with threaded bolt terminals

Samples Available

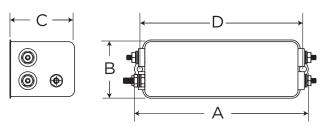


CASE STYLES

20EHQ1



20EHQ6



DIMENSIONS

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

Differential Mode / Symmetrical (Line to Line)

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