

## 6609070-3 Product Details



**6609070-3**  
(16FCD10)  
TE Internal Number: 6609070-3



### EMI/RFI Filters and Accessories

 Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Filter - EMI/RFI
- Filter Type = Power Line
- FCD (6-230 Amp) Series
- 3 Phase Delta Application
- Mount Style = Flanged

### Documentation & Additional Information

#### Product Drawings:

- [CUSTOMER DRAWING 16FCD10](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [1-1654250-1\\_CORCOM\\_EMI\\_RFI\\_QRG](#) (PDF, English)
- [1654001\\_CORCOM\\_PRODUCT\\_GUIDE\\_FCD\\_SERIES](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version K)
- [3D Model](#) (IGES, Version K)
- [3D Model](#) (STEP, Version K)

#### Additional Information:

- [Product Line Information](#)

#### Additional Product Images:

- [Insertion Loss/Specifications](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Product Type = Filter - EMI/RFI
- Filter Type = Power Line
- Series = FCD (6-230 Amp)
- Filtered = Yes

#### Electrical Characteristics:

- Current Rating (A) = 16
- Voltage ≤ (VAC) = 480
- Leakage Current (Line-to-Ground) Max. @ 250 VAC 50 Hz (mA) = 4
- Leakage Current (Line-to-Ground) Max. @ 120 VAC 60 Hz (mA) = 2.3

#### Termination Features:

- Terminal Input - Output Combination = Phoenix Terminal - Phoenix Terminal

#### Body Features:

- Mount Style = Flanged

#### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL Recognized

#### Conditions for Usage:

- Facility Installation = No
- Need Min Size With IEC Connector = No
- Need Optional Switch, Fusing, Or Voltage Selector = No

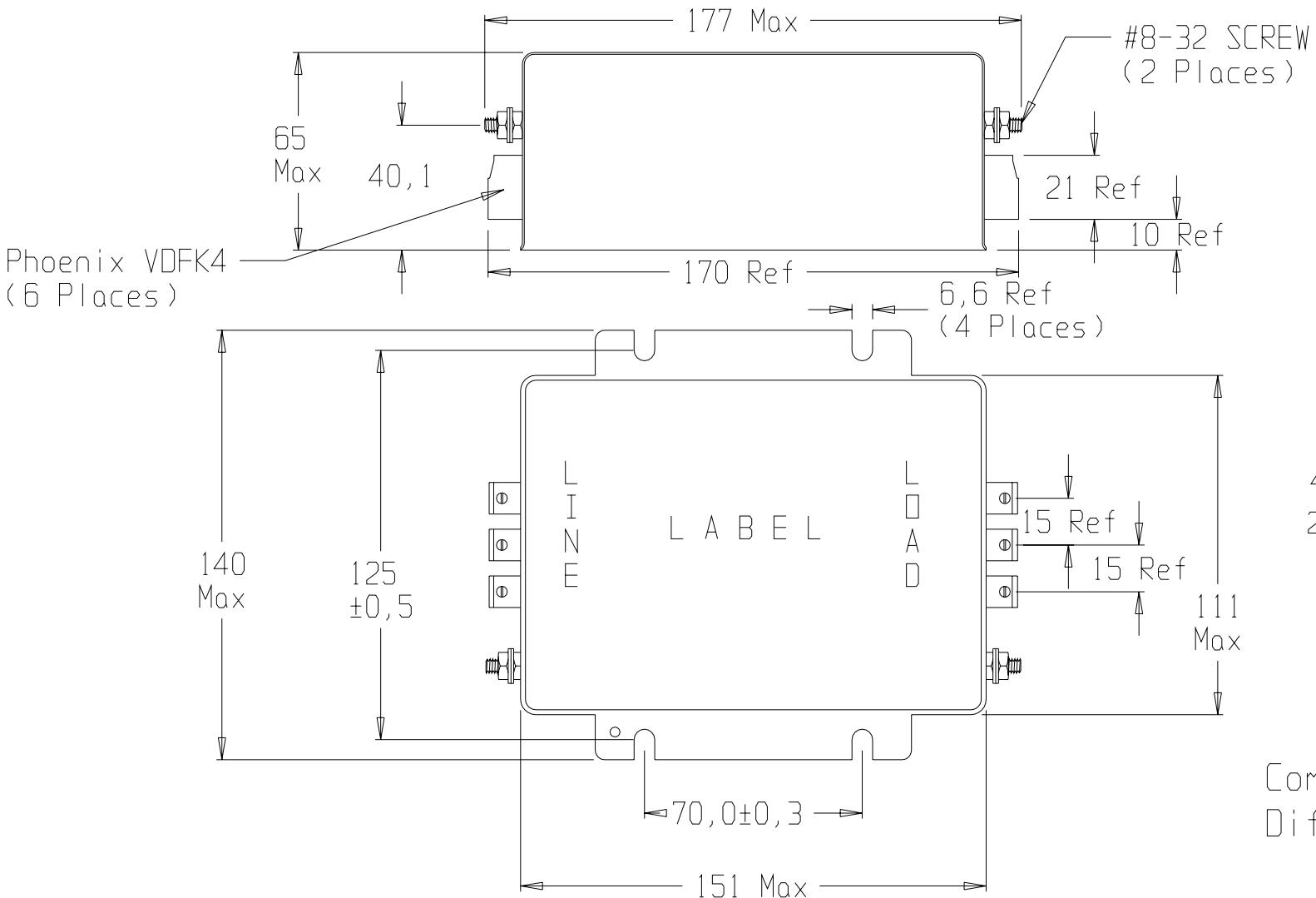
#### Operation/Application:

- Application = 3 Phase Delta

#### Other:

- Brand = Corcom

ECN #	APPRVD.	DATE	REV.
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## SPECIFICATION

16Amp /40°C 50-60Hz

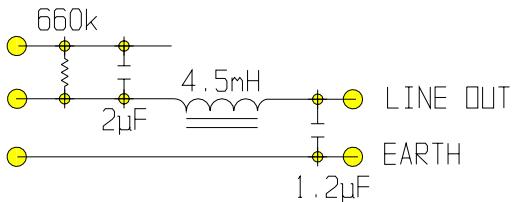
440VAC Phase to Phase

250VAC Phase to Neutral/Gnd

## ATTENUATION

Comm. Mode - 70dB $\mu$ V at 100kHzDiff. Mode - 70dB $\mu$ V at 100kHz

## EQUIVALENT SCHEMATIC MEASURED AT 1kHz

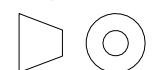


Max. Leakage current at 10% unsymmetrical mains, each Line to Ground:

2,3mA at 120V 60Hz

4,0mA at 250V 50Hz

THIRD ANGLE PROJECTION



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## RFI FILTER

CAD FILE: cde\prt\cd\c7741

SCALE: .45:1 DATE: 02-16-96 DRG. NO. REV.

DRW. BY: MS ORIG: MS 16FCD10 00