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## 6EC1 Product Details

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**6EC1**

TE Internal Number: 6609017-9

 [Active](#)

### EMI/RFI Filters and Accessories

 [Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

#### Product Highlights:

- Filter - EMI/RFI
- Filter Type = Power Line
- EC (1-10 Amp) Series
- General Purpose Application
- Mount Style = Flanged

[View all Features](#)

## Documentation & Additional Information

### Product Drawings:

- [CUSTOMER DRAWING 6EC1](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [Corcom EC 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 B)
- [3D Model](#) (IGES, Version B)
- [3D Model](#) (STEP, Version B)

[List all Documents](#)

### 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
- [Filtered](#) = Yes

### Electrical Characteristics:

- [Current Rating \(Amps.\)](#) = 6
- [Voltage  \$\leq\$  \(VAC\)](#) = 250
- Leakage Current (Line-to-Ground) Max. @ 250 VAC 50 Hz (mA) = 0.38
- Leakage Current (Line-to-Ground) Max. @ 120 VAC 60 Hz (mA) = 0.22

### Termination Related Features:

- [Terminal Input - Output Combination](#) = IEC - 1/4" Faston

### Body Related Features:

- [Series](#) = EC (1-10 Amp)
- [Mount Style](#) = Flanged
- Terminal Style Output = Straight

### Contact Related Features:

- Approved Standards = UL Recognized, VDE Approved, CSA Certified, SEV Approved

### 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

### Conditions for Usage:

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

### Operation/Application:

- [Application](#) = General Purpose

### Other:

- Brand = Corcom
- Facility Installation = No