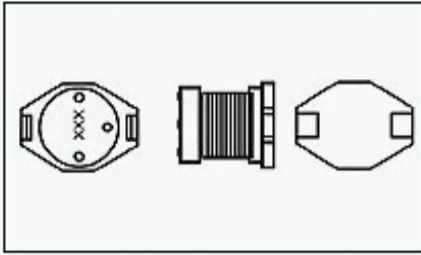


## MGDU5-00012-P Product Details

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**MGDU5-00012-P**  
 (5-1879389-0)

TE Internal Number: 5-1879389-0

 [Active](#)

### Discrete Ethernet Magnetics

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

#### Product Highlights:

- Magnetics Circuit Protection Device
- Magnetics Device Type = Power Inductor
- Power Series
- Surface Mount Contact Termination Type
- Inductance = 47  $\mu$ H

[View all Features](#)

### Quick Links

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### Documentation & Additional Information

#### Product Drawings:

- None Available

#### Catalog Pages/Data Sheets:

- [1309350 PASSIVE COMPONENT](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

- Product Type = Magnetics Circuit Protection Device
- Magnetics Device Type = Power Inductor
- Series = Power
- Package = Drum Core

#### Electrical Characteristics:

- Inductance ( $\mu$ H) = 47
- Current Rating (A) = 4.5
- Resistance ( $\Omega$ ) = .086

#### Body Features:

- Length (mm [in]) = 18.54 [0.730]
- Width (mm [in]) = 15.24 [0.600]
- Height (mm [in]) = 7.40 [0.291]

#### Contact Features:

- [Contact Termination Type](#) = Surface Mount

#### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Other:

- Brand = CoEv Magnetics

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