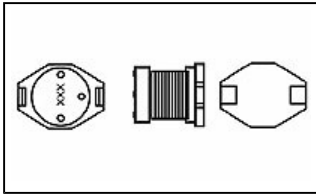




## MGDU5-00012-P Product Details

### Have a Question?

Chat with a Product Information Specialist



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

TE Internal Number: 5-1879389-0

 [Active](#)

#### Magnetics for Modular Jacks

 [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	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>● None Available</li> </ul>	<p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>● <a href="#">Tooling</a></li> </ul>

Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>● Product Type = Magnetics Circuit Protection Device</li> <li>● Magnetics Device Type = Power Inductor</li> <li>● Package = Drum Core</li> <li>● Resistance (<math>\Omega</math>) = .086</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>● Inductance (<math>\mu</math>H) = 47</li> <li>● Current Rating (A) = 4.5</li> </ul> <p><b>Termination Related Features:</b></p> <ul style="list-style-type: none"> <li>● Height (mm [in]) = 7.40 [0.291]</li> </ul> <p><b>Body Related Features:</b></p> <ul style="list-style-type: none"> <li>● Series = Power</li> </ul>	<p><b>Contact Related Features:</b></p> <ul style="list-style-type: none"> <li>● <a href="#">Contact Termination Type</a> = Surface Mount</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>● <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>● <a href="#">Lead Free Solder Processes</a> = Reflow solder capable to 245°C, Reflow solder capable to 260°C</li> <li>● RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>● Brand = CoEv Magnetics</li> </ul>