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**JMGSCD-5P Product Details**

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**JMGSCD-5P**  
(M39016/42-033P)  
TE Internal Number: 1-1617150-6  
[Active](#)

**Military / Aerospace High Performance Relays**

[Not EU RoHS or ELV Compliant](#)

**Product Highlights:**

- MGSD .100 Grid Relay Series
- Input Voltage = 5 VDC
- Contact - Arrangement = 2 Form C, DPDT, 2 C/O
- Contact - Rated Current = 1 A
- Non Polarized, Monostable Coil - Magnetic System

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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>• <a href="#">RELAY</a> (PDF, English)</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>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>
<a href="#">List all Documents</a>	

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>• <a href="#">Series</a> = MGSD .100 Grid Relay</li> <li>• Termination Type = Long Leads</li> </ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Input Voltage (VDC) = 5</li> <li>• Contact - Rated Current (A) = 1</li> <li>• Coil Polarity Protection Diode = Without</li> <li>• Transistor Driver = Without</li> <li>• Coil - Resistance (Ω) = 100</li> <li>• MOSFET Driver = Without</li> <li>• Coil Power Measurement = Milliwatts</li> <li>• Coil - Rated Power, DC (mW) = 250</li> <li>• Actuating System = DC</li> <li>• Shock = 75 G's, 6ms</li> <li>• Vibration = 30G's, 10 to 3000Hz</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Mounting Options = PC Board</li> <li>• Enclosure Type = Hermetically Sealed</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact - Arrangement</a> = 2 Form C, DPDT, 2 C/O</li> <li>• Coil - Magnetic System = Non Polarized, Monostable</li> <li>• Coil Suppression Diode = With</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• Government/Industry Qualification = Yes</li> <li>• Government/Industry Part Number = M39016/42-033P</li> <li>• <a href="#">RoHS/ELV Compliance</a> = Not ELV/RoHS compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not suitable for lead free processing</li> <li>• Approved Standards = M39016 Qualified, P Level</li> </ul> <p><b>Conditions for Usage:</b></p> <ul style="list-style-type: none"> <li>• Temperature Range (°C) = -65 - +125</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = CII</li> </ul>

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