

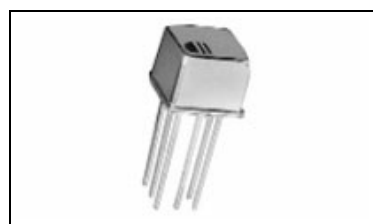
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## JMGSCD-48P Product Details

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### JMGSCD-48P (1-1617150-3)

TE Internal Number: 1-1617150-3

 Active

### Military/Aerospace High Performance Relays

Not EU RoHS or ELV Compliant

#### Product Highlights:

- MGSD .100 Grid Relay Series
- Input Voltage = 48 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                            |
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| <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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| <p><b>Product Type Features:</b></p> <ul style="list-style-type: none"><li>• MOSFET Driver = Without</li></ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"><li>• Mounting Options = PC Board</li></ul> <p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"><li>• Input Voltage (VDC) = 48</li><li>• Contact - Rated Current (A) = 1</li><li>• Coil Suppression Diode = With</li><li>• Coil Polarity Protection Diode = Without</li><li>• Coil - Resistance (Ω) = 11000</li><li>• Coil Power Measurement = Milliwatts</li><li>• Coil - Rated Power, DC (mW) = 209</li><li>• Actuating System = DC</li><li>• Shock = 75 G's, 6ms</li><li>• Vibration = 30G's, 10 to 3000Hz</li></ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"><li>• Termination Type = Long Leads</li></ul> | <p><b>Body Features:</b></p> <ul style="list-style-type: none"><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>• Transistor Driver = Without</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 = M39016/42-038P</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>• <a href="#">Series</a> = MGSD .100 Grid Relay</li><li>• Brand = CII</li></ul> |

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