

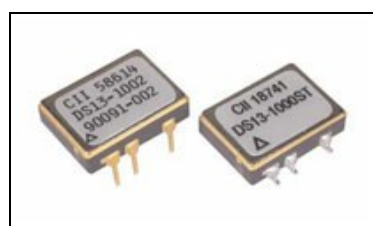
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## DS13-1000S Product Details

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### DS13-1000S (6-1617736-6)

TE Internal Number: 6-1617736-6

 Active

### High Performance Solid State Relays

Not EU RoHS or ELV Compliant

#### Product Highlights:

- Output Voltage Rating (DC Relays) = 60 VDC
- Output Current Rating = 2 A
- Insulation - Initial Dielectric Between Contacts and Coil = 1000 V rms
- Input Voltage = 3.8 - 32 VDC
- Input Current Max. @ 5Vdc = 15 VDC

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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>• 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>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> |

| Product Features (Please use the Product Drawing for all design activity)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <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>• Output Voltage Rating (DC Relays) (VDC) = 60</li><li>• Output Current Rating (A) = 2</li><li>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000</li><li>• Input Voltage (VDC) = 3.8 – 32</li><li>• Input Current Max. @ 5Vdc (VDC) = 15</li><li>• Shock = 1500G's, 0.5ms</li><li>• Vibration = 100G's, 10 to 3000Hz</li></ul> <p><b>Termination Features:</b></p> <ul style="list-style-type: none"><li>• Termination Type = Surface Mount</li></ul> | <p><b>Body Features:</b></p> <ul style="list-style-type: none"><li>• <a href="#">Screening Level</a> = Y</li><li>• Enclosure Type = Sealed</li><li>• Packaging Style = 8-Pin DIP</li></ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"><li>• Government/Industry Qualification = No</li><li>• <a href="#">RoHS/ELV Compliance</a> = Not ELV/RoHS compliant</li><li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li></ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"><li>• Operating Temperature Range (°C) = -55 – +105</li></ul> <p><b>Other:</b></p> <ul style="list-style-type: none"><li>• Additional Features = Short Circuit Protection</li><li>• Brand = CII</li></ul> |

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