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## 3SAT1301A2 Product Details

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### Military/Aerospace High Performance Relays

3SAT1301A2=M5757/13-084

**3SAT1301A2** (M5757/13-084)

TE Internal Number: 1-1617354-8

**Product Highlights** [View All](#)

- 3SAT Full Size Relay Series
- Input Voltage = 4 VDC
- Contact - Arrangement = 2 Form C, DPDT, 2 C/O
- Contact - Rated Current = 2 A
- Non Polarized, Monostable Coil - Magnetic System

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**Please Note:**  
Use the Product Drawing for all design activity

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Product Type Features</th> </tr> <tr> <td>MOSFET Driver</td> <td>Without</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Mechanical Attachment</th> </tr> <tr> <td>Mounting Options</td> <td>Chassis Mount</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Electrical Characteristics</th> </tr> <tr> <td>Input Voltage (VDC)</td> <td>4</td> </tr> <tr> <td>Contact - Rated Current (A)</td> <td>2</td> </tr> <tr> <td>Coil Suppression Diode</td> <td>Without</td> </tr> <tr> <td>Coil Polarity Protection Diode</td> <td>Without</td> </tr> <tr> <td>Coil - Resistance (Ω)</td> <td>100</td> </tr> <tr> <td>Coil Power Measurement</td> <td>Milliwatts</td> </tr> <tr> <td>Coil - Rated Power, DC (mW)</td> <td>160</td> </tr> <tr> <td>Actuating System</td> <td>DC</td> </tr> <tr> <td>Shock</td> <td>100G's, 6ms</td> </tr> <tr> <td>Vibration</td> <td>15G's, 10 to 2000Hz</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Termination Features</th> </tr> </table>	Product Type Features		MOSFET Driver	Without	Mechanical Attachment		Mounting Options	Chassis Mount	Electrical Characteristics		Input Voltage (VDC)	4	Contact - Rated Current (A)	2	Coil Suppression Diode	Without	Coil Polarity Protection Diode	Without	Coil - Resistance (Ω)	100	Coil Power Measurement	Milliwatts	Coil - Rated Power, DC (mW)	160	Actuating System	DC	Shock	100G's, 6ms	Vibration	15G's, 10 to 2000Hz	Termination Features		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Body Features</th> </tr> <tr> <td>Enclosure Type</td> <td>Hermetically Sealed</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Configuration Features</th> </tr> <tr> <td>Contact - Arrangement <span style="font-size: small;">?</span></td> <td>2 Form C, DPDT, 2 C/O</td> </tr> <tr> <td>Coil - Magnetic System</td> <td>Non Polarized, Monostable</td> </tr> <tr> <td>Transistor Driver</td> <td>Without <span style="float: right;">▶</span></td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Industry Standards</th> </tr> <tr> <td>Government/Industry Qualification</td> <td>Yes</td> </tr> <tr> <td>Government/Industry Part Number</td> <td>M5757/13-084</td> </tr> <tr> <td>RoHS/ELV Compliance <span style="font-size: small;">?</span></td> <td>Not ELV/RoHS compliant</td> </tr> <tr> <td>Lead Free Solder Processes <span style="font-size: small;">?</span></td> <td>Not suitable for lead free processing</td> </tr> <tr> <td>Approved Standards</td> <td>M5757 Qualified</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #f0f0f0;">Conditions for Usage</th> </tr> <tr> <td>Temperature Range (°C)</td> <td>-65 - +125</td> </tr> </table>	Body Features		Enclosure Type	Hermetically Sealed	Configuration Features		Contact - Arrangement <span style="font-size: small;">?</span>	2 Form C, DPDT, 2 C/O	Coil - Magnetic System	Non Polarized, Monostable	Transistor Driver	Without <span style="float: right;">▶</span>	Industry Standards		Government/Industry Qualification	Yes	Government/Industry Part Number	M5757/13-084	RoHS/ELV Compliance <span style="font-size: small;">?</span>	Not ELV/RoHS compliant	Lead Free Solder Processes <span style="font-size: small;">?</span>	Not suitable for lead free processing	Approved Standards	M5757 Qualified	Conditions for Usage		Temperature Range (°C)	-65 - +125
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<b>Termination Type</b>	Solder Hook Terminal	<b>Other</b>
		<b>Series</b> 3SAT Full Size Relay
		<b>Brand</b> CII

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