



SIGNAL RELAYS



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE) V23105A5301A201

Axicom | D2n Relay

V23105A5301A201

TE Internal Number: 9-1393792-3

Always EU RoHS/ELV Compliant

Contact Voltage Rating **250 VAC [220 VDC]**

Coil Power Rating (DC) (mW) **200**

Isolation (HF Parameter) **-39dB @ 100MHz, -20.7dB @ 900MHz**

Insertion Loss (HF Parameter) **-.27dB @ 900MHz, -.02dB @ 100MHz**

Insulation Initial Resistance (MΩ) **1000**

Product Drawings

[D2n-Relay](#)

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CAD Files

[Customer View Model](#)

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Product Specifications

Product Specification

[D2n Relay Datasheet](#)

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

| | | |
|---|--|--|
| Product Type Features | Relay Style | D2n Relay |
| | Product Type | Relay |
| | Relay Type | D2n Relay V23105 |
| Electrical Characteristics | Contact Voltage Rating | 250 VAC [220 VDC] |
| | Coil Power Rating (DC) (mW) | 200 |
| | Insulation Initial Resistance (M Ω) | 1000 |
| | Coil Voltage Rating (VDC) | 5 |
| | Contact Switching Voltage (Max) | 250 VAC [220 VDC] |
| | Coil Magnetic System | Monostable, DC |
| | Insulation Initial Dielectric Between Coil/Contact Class | 1000 V – 1500 VA |
| | Insulation Initial Dielectric Between Adjacent Contacts (Vrms) | 750 |
| | Insulation Initial Dielectric Between Contacts and Coil (Vrms) | 1050 |
| | Contact Limiting Making Current (A) | 3 |
| | Insulation Initial Dielectric Between Open Contacts (Vrms) | 750 |
| | Actuating System | AC/DC |
| | Contact Limiting Short-Time Current (A) | 3 |
| | Contact Limiting Continuous Current (A) | 3 |
| | Coil Resistance (Ω) | 125 |
| | Contact Switching Load (Min) | 10mA @ .2V |
| | Contact Limiting Breaking Current (A) | 3 |
| | Power Consumption (mW) | 200 |
| | Coil Power Rating Class | 150 – 200 mW |
| | Coil Type | Monostable |
| Voltage Standing Wave Ration (HF Parameter) | 1.04 @ 100MHz, 1.4 @ 900MHz | |
| Signal Characteristics | Isolation (HF Parameter) | -39dB @ 100MHz, -20.7dB @ 900MHz |
| | Insertion Loss (HF Parameter) | -.27dB @ 900MHz, -.02dB @ 100MHz |
| Body Features | Weight | 6 g [.2116 oz] |
| | Insulation Special Features | 1500V Initial Surge Withstand Voltage between Contacts & Coil |
| Contact Features | Terminal Type | PCB-THT |

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|----------------------------|----------------------|
| Contact Current Rating (A) | 3 |
| Contact Arrangement | 2 Form C (CO) |
| Contact Number of Poles | 2 |
| Contact Current Class | 2 – 5 A |
| Contact Plating Material | Gold |

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| Termination Features | Termination Type | Through Hole |
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| Mechanical Attachment | Mounting Type | Printed Circuit Board |
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|------------|---------------------------|----------------------------|
| Dimensions | Length Class (Mechanical) | 20 – 25 mm |
| | Width Class (Mechanical) | 8 – 10 mm |
| | Length | 20.2 mm [.795 in] |
| | Width | 10 mm [.394 in] |
| | Height Class (Mechanical) | 10 – 11 mm |
| | Height | 11 mm [.433 in] |

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|------------------|---|------------------------|
| Usage Conditions | Environmental Category of Protection | RTIII |
| | Operating Temperature Range (°C) | -40 – 85 |
| | Environmental Ambient Temperature (Max) | 85 °C [85 °F] |
| | Environmental Ambient Temperature Class | 70 – 85°C |





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| Operation/Application | Performance Type | Standard |
|-----------------------|------------------|-----------------|









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| Packaging Features | Packaging Method | Tube, Tube/Box |
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Product Compliance [Statement of Compliance](#)
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CUSTOMERS ALSO BOUGHT

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|---|--|--|---|
| <p>SURFACE MOUNT RESISTORS</p>  <p>CRGH0603 1% 330K 0.2W CRGH0603F330K</p> | <p>THROUGH-HOLE RESISTORS</p>  <p>FCB4 10K 5% HP FCB410KJ</p> | <p>WIRE-TO-BOARD HEADERS & RECEPTACLES</p>  <p>06P MTA100 HDR ASSY SQ R/A</p> | <p>PCB CONNECTOR MOUNTING</p>  <p>ORGANIZER PC/104 1445251-1</p> |
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