V23105A5307A201 ✔ ACTIVE

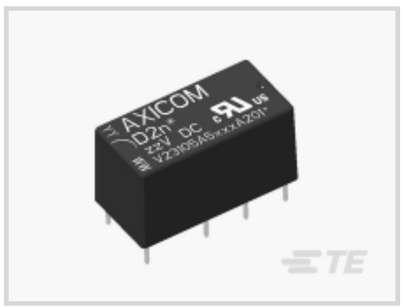
Axicom | Axicom D2n Relay

TE Internal #: 1393793-3

Axicom D2n Relay, Signal Relays, 220VDC Contact Voltage Rating, 250VAC Contact Voltage Rating, 200mW Coil Power Rating (DC)

View on TE.com >

Relays, Contactors & Switches > Relays > Signal Relays > AXICOM D2N SENSITIVE



Contact Voltage Rating: **250 VAC**

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

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

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

All AXICOM D2N SENSITIVE (7)

Features

Product Type Features

Relay Type	D2n Relay V23105
Relay Style	D2n Relay
Product Type	Relay

Electrical Characteristics

Coil Power Rating Class	150 – 200 mW
Actuating System	AC/DC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Short-Time Current	3 A
Insulation Initial Dielectric Between Contacts and Coil	1050 Vrms
Insulation Initial Dielectric Between Coil/Contact Class	1000 V – 1500 VA
Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4 @ 900MHz
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Power Consumption	200 mW
Insulation Initial Resistance	1000 MΩ
Contact Limiting Making Current	3 A
Coil Resistance	11520 Ω
Contact Limiting Continuous Current	3 A
Coil Type	Monostable

Contact Limiting Breaking Current	3 A
Contact Switching Load (Min)	10mA @ .2V
Contact Voltage Rating	250 VAC
Coil Power Rating (DC)	200 mW
Coil Voltage Rating	48 VDC
Contact Switching Voltage (Max)	220 VDC
Coil Magnetic System	Monostable, DC

Signal Characteristics

Isolation (HF Parameter)	-20.7dB @ 900MHz, -39dB @ 100MHz
Insertion Loss (HF Parameter)	-.02dB @ 100MHz, -.27dB @ 900MHz

Body Features

Insulation Special Features	1500V Initial Surge Withstand Voltage between Contacts & Coil
Weight	6 g[.2116 oz]

Contact Features

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

Termination Features

Termination Type	Through Hole

Mechanical Attachment

Mounting Type	Printed Circuit Board

Dimensions

Width Class (Mechanical)	8 – 10 mm
Width	10 mm[.394 in]
Height	11 mm[.433 in]
Length Class (Mechanical)	20 – 25 mm
Length	20.2 mm[.795 in]
Height Class (Mechanical)	10 – 11 mm

Usage Conditions

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

Operation/Application

Performance Type	Standard

Packaging Features

Packaging Method	Box & Tube, Tube

Product Compliance

For compliance documentation, visit the product page on TE.com>

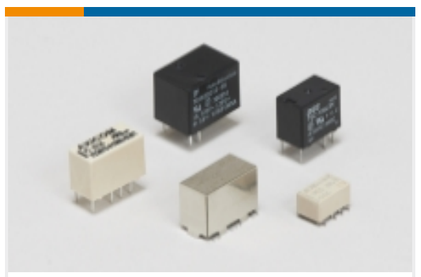
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked.Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling

based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | Axicom D2n Relay



Signal Relays(28)

Customers Also Bought

TE Model / Part #5-1814825-1
F Type Straight PBC Socket 75 Ohm

TE Model / Part #5555162-1
MJ,LPF,R/A,8P,PNL STOPS

TE Model / Part #5-1437657-7
8PCV-02-006=#8 TRIBARRIER TERM

TE Model / Part #1-1393243-1
RTE24048

TE Model / Part #7-1393243-0
RT424048

TE Model / Part #9-1393222-1
V23061B1005A301=MINISTARKSTROM

TE Model / Part #1-1734248-6
1.0 FPC, ZIF V/T, SMT, 16P

Documents

Product Drawings

V23105A5307A201

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393793-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1393793-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393793-3_C.3d_stp.zip

English

Datasheets & Catalog Pages

Transportation, Storage, Handling, Assembly and Testing of AXICOM THT Relays

English

Industrial Relays Quick Reference Guide

English

Product Specifications

Product Specification

English

Definitions Relays

English

Product Environmental Compliance

TE Material Declaration

English