

V23105A5401A201 ✓ ACTIVE

[Axicom](#) | [Axicom D2n Relay](#)

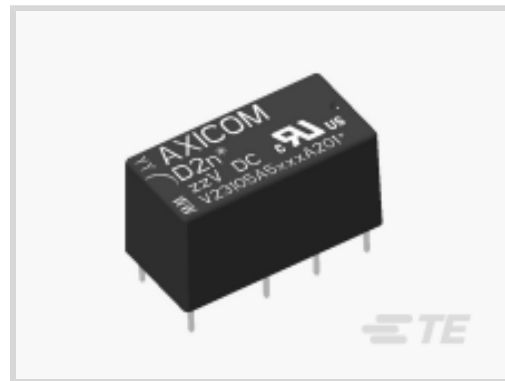
TE Internal #: 1393793-6

Axicom D2n Relay, Signal Relays, 220VDC Contact Voltage Rating, 250VAC Contact Voltage Rating, 400mW 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): **400 mW**

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

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

[All AXICOM D2N SENSITIVE \(16\)](#)

## Features

### Product Type Features

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

### Electrical Characteristics

Coil Power Rating Class	300 – 400 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	400 mW
Insulation Initial Resistance	1000 MΩ
Contact Limiting Making Current	3 A
Coil Resistance	62 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)	400 mW
Coil Voltage Rating	5 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
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### Mechanical Attachment

Mounting Type	Printed Circuit Board
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### 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
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### Packaging Features

Packaging Method	Box & Tube, Tube
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### 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: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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

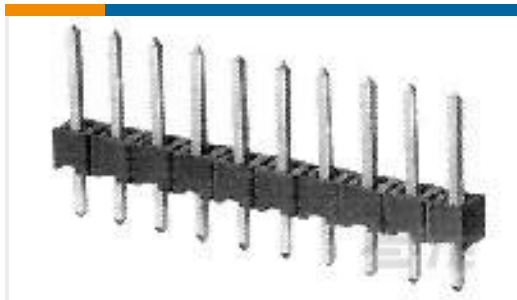
based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Also in the Series | Axicom D2n Relay



Signal Relays(28)

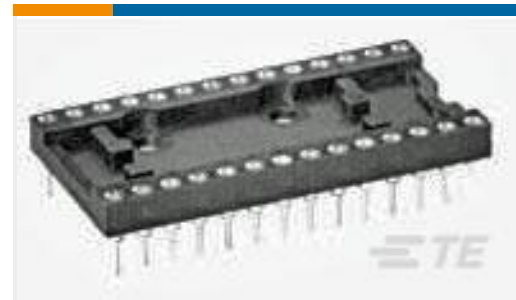
## Customers Also Bought



TE Model / Part #826936-3  
3P AMPMODU II STIFT LEI



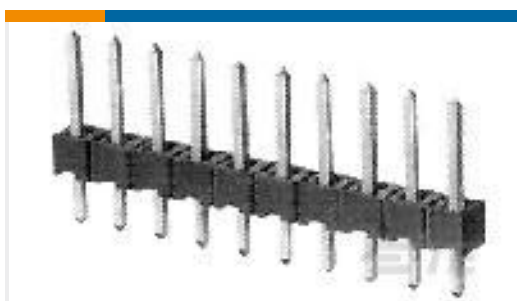
TE Model / Part #2-1571586-2  
808-AG11D-LF=800 DIP,PCB,AU/SN



TE Model / Part #2-1571551-1  
506-AG11D-ESL-LF=500 DIP,GF/SN



TE Model / Part #5-1614884-2  
CPF 0805 330R 0.1% 25PPM 1K RL



TE Model / Part #826926-2  
AMPMODU II PIN HEADER



TE Model / Part #1-826629-6  
16X1 AMPMODU II HDR ST



TE Model / Part #1614978-1  
LR0204 1% 10K



TE Model / Part #1-1814655-5  
SIP IC Skt 20 SSR Sn/Au FLH RoHS

## Documents

### Product Drawings

V23105A5401A201

English

### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1393793-6\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1393793-6\_C.3d\_igs.zip



English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1393793-6\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[Transportation, Storage, Handling, Assembly and Testing of AXICOM THT Relays](#)

English

[Industrial Relays Quick Reference Guide](#)

English

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### Product Specifications

[Product Specification](#)

English

[Definitions Relays](#)

English