



Relays & Contactors > Relays > Signal Relays > Axicom D2N Sensitive Signal Relay



Contact Voltage Rating: 220 VDC

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 Signal Relay \(0\)](#)

Features

Configuration Features

Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	3 A
Contact Limiting Short-Time Current	3 A
Contact Limiting Continuous Current	3 A
Voltage Standing Wave Ration (HF Parameter)	1.04 @ 100MHz, 1.4 @ 900MHz
Insulation Initial Dielectric Between Adjacent Contacts	750 Vrms
Insulation Initial Dielectric Between Contacts & Coil	1050 Vrms
Insulation Initial Resistance	1000 MΩ
Contact Limiting Breaking Current	3 A
Contact Switching Load (Min)	10mA @ .2V
Coil Resistance	1440 Ω



Contact Voltage Rating	220 VDC
Coil Power Rating DC	400 mW
Coil Voltage Rating	24 VDC
Contact Current Rating	3 A
Contact Switching Voltage (Max)	220 VDC

Signal Characteristics

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

Body Features

Product Weight	6 g[.2116 oz]
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Contact Features

Contact Plating Material	Gold
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Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	PCB Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
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Dimensions

Product Width	10 mm[.393 in]
Product Length	20.2 mm[.795 in]
Product Height	10.8 mm[.425 in]

Usage Conditions

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

Operation/Application

Actuating System	AC, DC
Solder Process	Wave Solder
Performance Type	Standard
Coil Magnetic System	Monostable

Packaging Features

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Packaging Method	Box & Tube, Tube
Other	
Length Class (Mechanical)	20 – 25 mm
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	10 – 11 mm
Coil Power Rating Class	300 – 400 mW
Width Class (Mechanical)	8 – 10 mm
Contact Current Class	2 – 5 A

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: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Also in the Series |

Customers Also Bought



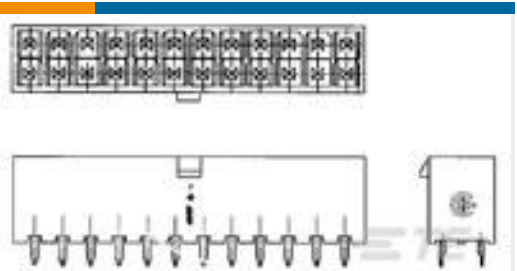
TE Part #6609044-1
3VW1=F7254 S0



TE Part #1571983-3
GDH02STR04=DIP SWITCH



TE Part #2007198-1
SFP+ 1x1 Cage Assembly, Press-



TE Part #1-1586037-4
14P VERT HDR VAL-U-LOK V2



TE Part #1586530-2
02P CMNL HDR ASSY SHORT LF



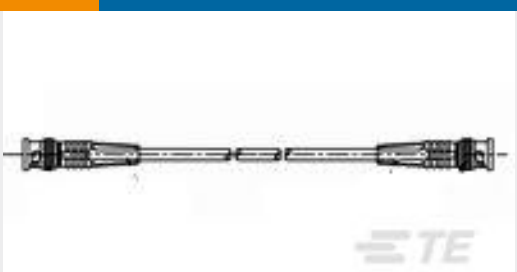
TE Part #1623108-1
CRG0805 1% 12K



TE Part #3-1625885-1
1W SM M/OX 5% 1K0



TE Part #1624344-2
NTC0805 5% 100K



TE Part #1337771-8
50 OHM COAX BNC STR PLUG P99-E



TE Part #180388-2
250 FASTON,REC.,20-16 AWG,TPBR

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1393793-9_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393793-9_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1393793-9_C1.2d_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

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

English

D2n Relay Datasheet

English



Product Specifications

Definitions General Purpose Relays

English

Agency Approvals

UL

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