



Relays & Contactors > Relays > Signal Relays > Signal Relay, High Sensitive, Axicom D2n



Contact Arrangement: 2 Form C DPDT-CO

Coil Magnetic System: Monostable

Contact Current Rating: 3 A

Performance Type: Standard

Product Mount Type: Printed Circuit Board

[All Signal Relay, High Sensitive, Axicom D2n \(0\)](#)

Features

Configuration Features

Contact Arrangement	2 Form C DPDT-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	167 Ω
Contact Current Rating	3 A
Contact Voltage Rating	220 VDC
Coil Power Rating DC	.15 W
Coil Voltage Rating	5 VDC
Contact Switching Voltage (Max)	250 VAC

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	-45 – 85 °C

Operation/Application

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

Packaging Features



Packaging Method	Box & Tube, Tube
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Other

Length Class (Mechanical)	20 – 25 mm
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	10 – 11 mm
Coil Power Rating Class	.1 – .15 W
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: JUNE 2024 (241) 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 #FC2311-0000-0250-L
FC23 MV 2FT CABLE 250L




TE Part #3-2176347-4
CRGCQ 2010 5K6 1%



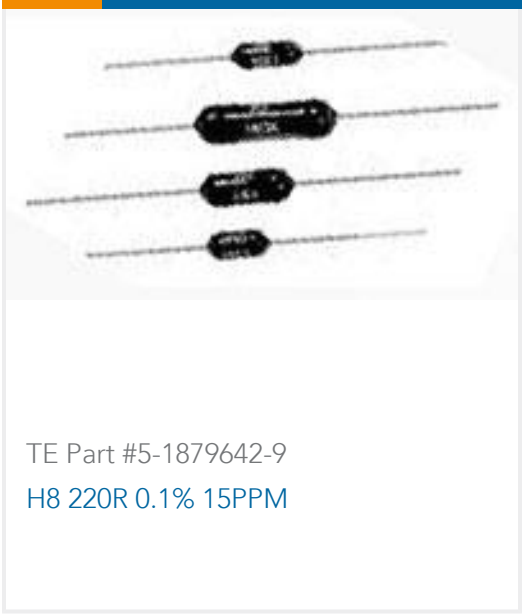
TE Part #8-2176416-7
9W STD M/OX 5% 200K




TE Part #0460-245-1290
PIN, SOLID, SIZE 12, EXTENDED PCB, SN



TE Part #7-1393640-2
V42254B2201B200=PC612 FEDERLEI



TE Part #5-1879642-9
H8 220R 0.1% 15PPM



TE Part #3-2176387-9
RQ 1206 332K 0.1% 10PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_8-1393792-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_8-1393792-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_8-1393792-5_C.3d_stp.zip

English

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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