V23105A5475A201 ! PENDING OBSOLESCENCE

Axicom | Axicom D2n Relay

TE Internal #: 1-1393793-2

TE Internal Description: V23105A5475A201

Axicom D2N Sensitive Signal Relay

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

Contact Voltage Rating: **220 VDC**

Signal Relay Coil Power Rating (DC): **695 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

Product Type Features

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

Electrical Characteristics

Coil Power Rating Class	600 – 800 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	36 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	220 VDC
Signal Relay Coil Power Rating (DC)	695 mW
Signal Relay Coil Voltage Rating	5 VDC
Signal Relay Contact Switching Voltage (Max)	220 VDC
Signal Relay 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
Signal Relay Terminal Type	PCB-THT
Signal Relay Contact Current Rating	3 A
Signal Relay Contact Arrangement	2 Form C (CO)
Contact Number of Poles	2

Termination Features

Termination Type	Through Hole

Mechanical Attachment

Signal Relay 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
Operating Temperature Range	-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>

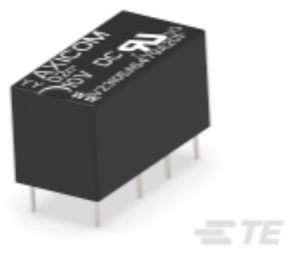
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not 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

V23105A5475A201

Compatible Parts



TE Part # 3-1393794-0
V23105A5479A201

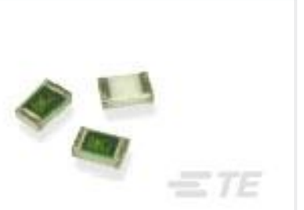
Also in the Series

Customers Also Bought

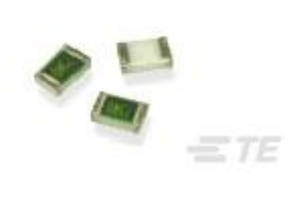
TE Part #178803-3
DYNAMIC D3100D TAB HSG PM 6P

TE Part #2-1419106-5
27E893=SOCKET,KU,11,QC,POLY,NA-

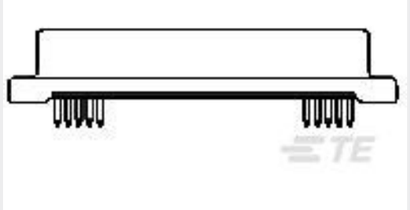
TE Part #1-1437719-8
T01-0550-P04-MALE PLUG CONNECTOR SOLDER



TE Part #3-1614354-4
RN 0603 61R9 0.1% 10PPM CUT LENGTH



TE Part #7-2176087-2
RP 1J 0.166W 383R 0.1% 25PPM 1K RL



TE Part #5174681-7
AMPLIMITE.050 PLUG ASS'Y (V) 6

TE Part #1969807-1
04P UMNL PIN HDR ASSY, PIN V0 GW

TE Part #1969799-1
02P UMNL PIN HDR ASSY POL, PIN V0 GW

Documents

CAD Files

Customer View Model
ENG_CVM_CVM_1-1393793-2_C1.3d_igs.zip
English

Customer View Model
ENG_CVM_CVM_1-1393793-2_C1.3d_stp.zip
English

Customer View Model
ENG_CVM_CVM_1-1393793-2_C1.2d_dxf.zip
English

3D PDF
3D

V23105A5475A201

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

English