



Relays & Contactors > Electromechanical Relays > Standard Signal Relay 2 Form C,2 CO Cont



Relay & Contactor Type: RF Relay

Current Type: DC

Coil Magnetic System: Monostable, Polarized

Contact Arrangement: 2 Form C DPDT-CO

Contact Current Rating: 2 A

[All Standard Signal Relay 2 Form C,2 CO Cont \(72\)](#)

Features

Contact Features

Contact Plating Material	Gold
Contact Material	PdRu+Au

Dimensions

Product Width	6 mm[.236 in]
Product Length	10 mm[.393 in]
Product Height	5.65 mm[.222 in]

Signal Characteristics

Isolation (HF Parameter)	-18.8dB @ 900MHz, -37dB @ 100MHz
Insertion Loss (HF Parameter)	-.33dB @ 900MHz, -.03dB @ 100MHz

Packaging Features

Packaging Method	Tube
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Other



Coil Power Rating Class	.05 – .3 W
Contact Current Class	0 – 2 A
Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	0 – 6 mm
Length Class (Mechanical)	0 – 10 mm
Width Class (Mechanical)	0 – 6 mm
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Usage Conditions

Operating Temperature Range	-40 – 85 °C
Environmental Category of Protection	RTV
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Body Features

Product Weight	.75 g[.026 oz]
Enclosure Type	Hermetically Sealed

Electrical Characteristics

Contact Limiting Short-Time Current	2 A
Contact Limiting Making Current	2 A
Contact Limiting Continuous Current	2 A
Contact Limiting Breaking Current	2 A
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Contact Switching Voltage (Max)	250 VAC
Contact Switching Load (Min)	.1mA @ .0001V
Voltage Standing Wave Ration (HF Parameter)	1.06 @ 100MHz, 1.49 @ 900Mhz
Coil Resistance	500 Ω
Insulation Initial Resistance	1000000 MΩ
Contact Current Rating	2 A
Coil Voltage Rating	5 VDC
Contact Voltage Rating	220 VDC
Coil Power Rating DC	.05 W
Insulation Initial Dielectric Between Contacts & Coil	1800 Vrms

Configuration Features



Contact Special Features	Bifurcated/Twin Contacts
Relay Options	RF Rated
Contact Number of Poles	2
Coil Special Features	Ultra High Sensitive Version
Contact Arrangement	2 Form C DPDT-CO

Operation/Application

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

Product Type Features

Relay & Contactor Type	RF Relay
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Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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>

Compatible Parts

TE Part # 3-1462039-0
IM23TS=IM RELAY 50mW 5V

Also in the Series | Axicom IM

PCB Relays(142)

RJ45 Connectors(2)

Customers Also Bought

TE Part #2-1462039-8
IM22TS=IM RELAY 50mW 4.5V

TE Part #1586037-2
2P VERT HDR VAL-U-LOK V2

TE Part #8-1393238-3
RTD34005

TE Part #1879213-6
CPF 0402 29R4 0.1% 25PPM 1K RL

IM23KS

RF Relay, DC, Monostable, Polarized, 2 Form C DPDT-CO, 2 A Contact Rating, 5 VDC
Coil Voltage, 250 VAC Contact Voltage, Axicom IM



TE Part #2029054-3
3P VAL-U-LOK SR HDR SN V2 W/DH

TE Part #322776
BUDG SPDFLG 22-16COMM22-18MIL6

TE Part #1-1614959-1
CPF0805 1M5 0.1% 25PPM 1K RL

TE Part #ANT-403-USP-T
Antenna uSP PCB RPC 403MHz SMT T&R

TE Part #3-1617118-1
J1MACDD-26XM = M39016/24-030M

TE Part #1-1586039-0
10P VAL-U-LOK VRT HDR W/P V2

Documents

Product Drawings

IM23KS=IM RELAY 50mW 5V short pins

English

CAD Files

Customer View Model

ENG_CVM_CVM_6-1462039-7_B5.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1462039-7_B5.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_6-1462039-7_B5.2d_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 Through Hole Terminal (THT) Relays

English

IM_Datasheet

English

Product Specifications

Definitions General Purpose Relays

English



[Agency Approvals](#)

[VDE Certificate](#)

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