IM06TS ✔ ACTIVE

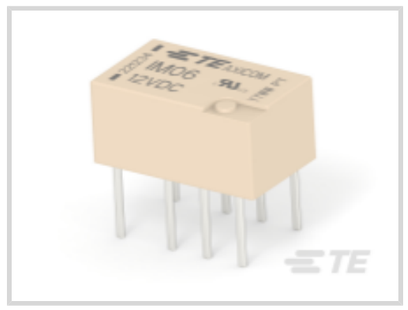
Axicom | Axicom IM

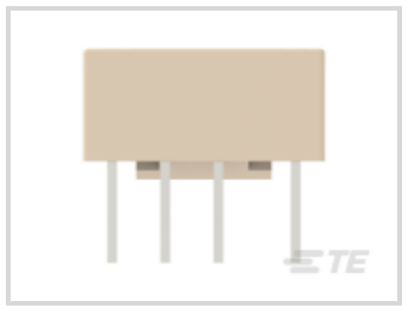
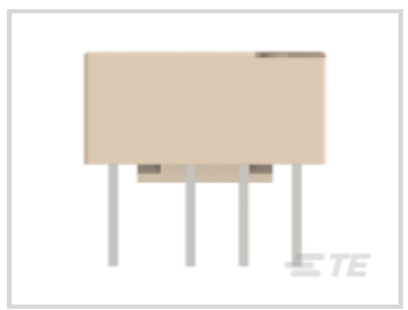
TE Internal #: 2-1462037-7

RF Relay, DC, Monostable, Polarized, 2 Form C DPDT-CO, 2 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, Axicom IM

View on TE.com >

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



Relay & Contactor Type: **RF Relay**

Coil Magnetic System: **Monostable, Polarized**

Contact Arrangement: **2 Form C DPDT-CO**

Current Type: **DC**

Contact Current Rating: **2 A**

All Standard Signal Relay 2 Form C,2 CO Cont (74)

Features

Product Type Features

Relay & Contactor Type	RF Relay

Configuration Features

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

Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Making Current	2 A
Contact Limiting Short-Time Current	2 A
Contact Limiting Continuous Current	2 A
Contact Switching Voltage (Max)	220 VDC

Contact Switching Load (Min)	.1mA @ .0001V
Voltage Standing Wave Ration (HF Parameter)	1.06 @ 100MHz, 1.49 @ 900Mhz
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Breaking Current	2 A
Coil Resistance	1029 Ω
Contact Current Rating	2 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	220 VDC
Coil Power Rating DC	.14 W
Insulation Initial Dielectric Between Contacts & Coil	1800 Vrms

Signal Characteristics

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

Body Features

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

Contact Features

Contact Material	PdRu+Au
Contact Plating Material	Gold

Termination Features

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

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

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

Usage Conditions

Environmental Category of Protection	RTV
Operating Temperature Range	-40 – 85 °C

Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

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

Packaging Features

Packaging Method	Tube

Other

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

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

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 # CAT-AX41-IM11B
Standard Signal Relay 2 Form C,2 CO Cont

TE Part # 1-1462038-6
IM06NS=IM RELAY 140mW 12V

Also in the Series | Axicom IM

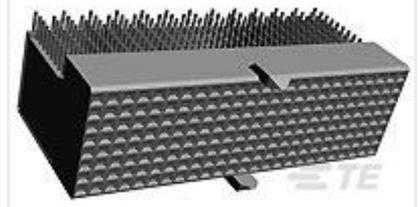
Electromechanical Relays(154)

RJ45 Connectors(2)

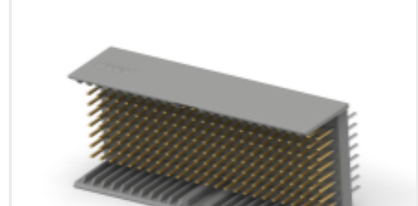
Customers Also Bought

TE Part #2-2176056-3
RLP73N 2B R082 5% 5K RL

TE Part #1-1393255-0
W93-X112-40=M6/M7/M9/W6/W7



TE Part #5646728-1
2MM HM,ASY,T-D/E,REC



TE Part #5646729-1
2MM HM,ASY,T-D/E,HDR,8R,200,AP

TE Part #2418082-1
Z-PACK 2MM HM TYPE A/B 169P

TE Part #5646572-1
Z-PACK A/B RECPT ASSY 95P 2MM

TE Part #5646734-1
Z-PACK 2MM HM TYPE A/B 127P

TE Part #923767-E
ERMB 150 MI 1 L1 * 3,50 A-F V-V 9999 * 2

TE Part #923831-E
ERMC 66 MI 1 L1 * 3,50 A-F V-V 9999 * 20

Documents

Product Drawings

IM06TS=IM RELAY 140mW 12V

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1462037-7_B4.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1462037-7_B4.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2-1462037-7_B4.2d_dxf.zip

English

3D PDF

3D

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

English