IM06TS ✔ ACTIVE

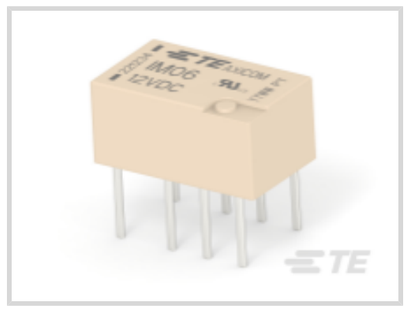
Axicom | Axicom IM

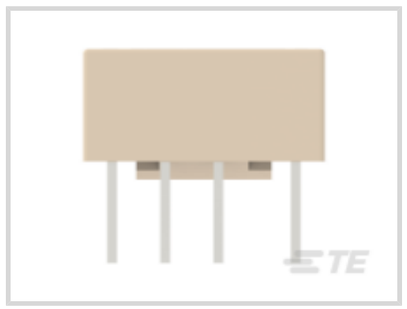
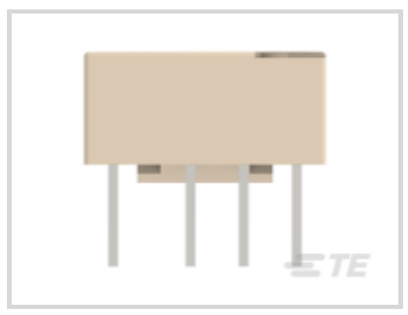
TE Internal #: 2-1462037-7

Signal Relays, 220 VDC Contact Voltage, 250 VAC Contact Voltage, 140mW Coil Power Rating DC, Printed Circuit Board, Axicom IM

View on TE.com >

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



Contact Voltage Rating: **250 VAC**

Coil Power Rating DC: **140 mW**

Isolation (HF Parameter): **-18.8dB @ 900MHz, -37dB @ 100MHz**

Insertion Loss (HF Parameter): **-.03dB @ 100MHz, -.33dB @ 900MHz**

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

Features

Product Type Features

Relay Connection Type	PCB Pins

Electrical Characteristics

Actuating System	DC
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
Insulation Initial Dielectric Between Contacts and Coil	1800 Vrms
Voltage Standing Wave Ration (HF Parameter)	1.06 @ 100MHz, 1.49 @ 900Mhz
Coil Power Rating Class	50 – 300 mW
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	.1mA @ .0001V

Coil Resistance	1029 Ω
Contact Voltage Rating	250 VAC
Coil Power Rating DC	140 mW
Coil Voltage Rating	12 VDC
Contact Switching Voltage (Max)	250 VAC
Coil Magnetic System	Monostable, DC, Polarized

Signal Characteristics

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

Body Features

Insulation Special Features	2500V Initial Surge Withstand Voltage between Contacts & Coil
Product Weight	.75 g[.026 oz]

Contact Features

Contact Plating Material	Gold
Contact Special Features	Bifurcated/Twin Contacts
Contact Current Class	0 – 2 A
Contact Current Rating (Max)	2 A
Contact Arrangement	2 Form C (2 CO)
Contact Base Material	PdRu+Au
Contact Number of Poles	2

Mechanical Attachment

Product Mount Type	Printed Circuit Board

Dimensions

Length Class (Mechanical)	0 – 10 mm
Height Class (Mechanical)	0 – 6 mm
Width Class (Mechanical)	0 – 6 mm
Product Width	6 mm[.236 in]
Product Length	10 mm[.393 in]
Product Height	5.65 mm[.222 in]

Usage Conditions

Environmental Ambient Temperature Class	70 – 85 °C

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

Operation/Application

Performance Type	Standard

Packaging Features

Packaging Method	Tube

Other

Solder Process	Wave Solder

Product Compliance

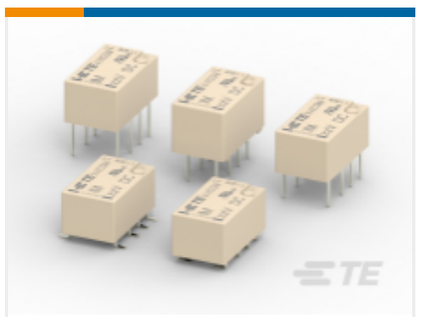
For compliance documentation, visit the product page on TE.com>

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

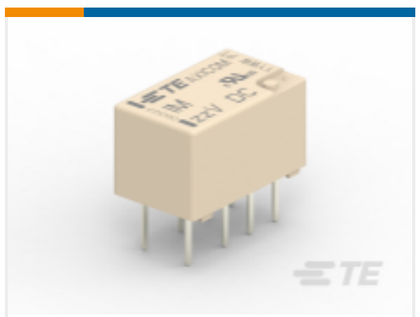
Product Compliance Disclaimer

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 # 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

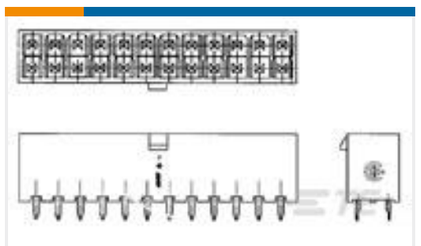
RJ45 Connectors(2)

Signal Relays(154)

Customers Also Bought

TE Part #1-6609008-3
10EJHP=F8050

TE Part #641964-3
02P UMNL PIN HDR ASSY POL LF



TE Part #1-1586038-4
14P VRT HDR VAL-U-LOK V0

TE Part #3-1879338-6
CPF 0603 61K9 1% 50PPM 1K RL

TE Part #1-2176090-0
RP 1J 0.166W 162K 0.1% 25PPM 1K RL

TE Part #5-104068-2
10 SYSTEM 50 HDR DRST SHRD

TE Part #144131-E
ERMBGR BS GSEFB * LP32 * ERMET-BAUSATZ F

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

Documents

Product Drawings

IM06TS=IM RELAY 140mW 12V

English

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