

# D3010=FP Relay 140 mW 9 V ✓ ACTIVE

Axicom | Axicom FP2

TE Part # 2-1462033-1

TE Internal #: D3010

AXICOM FP FLAT SIGNAL RLY-STANDARD

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Relays, Contactors & Switches > Relays > Signal Relays > AXICOM FP FLAT SIGNAL RLY-STANDARD



Contact Voltage Rating: **250 VAC**

Coil Power Rating (DC): **140 mW**

Insertion Loss (HF Parameter): **-.03dB @ 100MHz, -.25dB @ 900MHz**

Mounting Type: **PCB-THT**

[All AXICOM FP FLAT SIGNAL RLY-STANDARD \(14\)](#)

## Features

### Product Type Features

Relay Type	FP2 Relay
Product Type	Relay

### Electrical Characteristics

Coil Power Rating Class	50 – 300 mW
Actuating System	DC
Insulation Initial Dielectric Between Open Contacts	750 Vrms
Contact Limiting Short-Time Current	2 A
Insulation Initial Dielectric Between Contacts and Coil	1000 Vrms
Insulation Initial Dielectric Between Coil/Contact Class	500 – 1000 V
Voltage Standing Wave Ration (HF Parameter)	1.07 @ 100MHz, 1.45 @ 900MHz
Insulation Initial Dielectric Between Adjacent Contacts	1000 Vrms
Insulation Initial Resistance	1000000 MΩ
Contact Limiting Making Current	2 A
Coil Resistance	574 Ω
Contact Limiting Continuous Current	2 A
Coil Type	Monostable
Contact Limiting Breaking Current	2 A
Contact Switching Load (Min)	.1mA @ .0001V

Contact Voltage Rating	250 VAC
Coil Power Rating (DC)	140 mW
Coil Voltage Rating	9 VAC
Contact Switching Voltage (Max)	220 VDC
Coil Magnetic System	Monostable, DC

### Signal Characteristics

Insertion Loss (HF Parameter)	-.03dB @ 100MHz, -.25dB @ 900MHz
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### Body Features

	.75 oz
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### Contact Features

Contact Plating Material	Gold
Contact Current Class	0 – 2 A
Contact Special Features	Bifurcated/Twin Contacts
Terminal Type	PCB-THT
Contact Current Rating	2 A
Contact Arrangement	2 Form C (CO)
Contact Material	Nickel-Titanium
Contact Number of Poles	2

### Mechanical Attachment

Mounting Type	PCB-THT
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### Dimensions

Width Class (Mechanical)	8 – 10 mm
Width	9 mm [.354 in]
Height	5 mm [.197 in]
Length Class (Mechanical)	12 – 14 mm
	14 in
Height Class (Mechanical)	0 – 6 mm
Dimensions (L x W x H) (Approximate)	14 x 9 x 5 mm [.551 x .354 x .196 in]

### Usage Conditions

Environmental Ambient Temperature (Max)	85 °C [85 °F]
Environmental Ambient Temperature Class	70 – 85°C
Environmental Category of Protection	RTIII

### Operation/Application

Performance Type	Standard
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### Packaging Features

Packaging Method	Box & Tube, Tube
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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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | [Axicom FP2](#)



Power Relays(1)



Signal Relays(19)

## Customers Also Bought



TE Part #2-338086-3  
6P/6C INV MJ, SMT 22"  
TOP REEL



TE Part #826576-3  
3P MOD 1 UNSHROUDED  
HEADER, ST, TIN



TE Part #1825143-5  
AE201MD1CQ04



TE Part #5-534978-4  
24 MODII 2PC HDR DR W  
/HLDWN, ROHS



TE Part #5-534978-5  
30 MODII 2PC HDR DR W  
/HLDWN, ROHS



TE Part #5536481-5  
ASSY,RECEPT,EURO,TYPE  
C,L-FREE



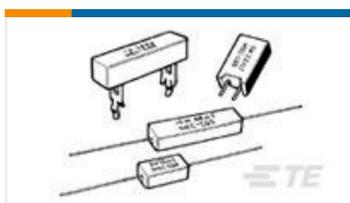
TE Part #6-534204-1  
24 MODU 2-PC CE RECP  
ASSY, RoHS



TE Part #829394-4  
2X4P MOD II UNSHRD  
HDR, ST, 0.8 AU



TE Part #1623771-7  
C3A 150R 5% AMMO PK



TE Part #1-1623797-4  
SQZ10 470R 5%

## Documents

### Product Drawings

[D3010=FP Relay 140 mW 9 V](#)

English

[D3010=FP Relay 140 mW 9 V](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_1462033-2\\_A3.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_1462033-2\\_A3.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1462033-2\\_A3.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1462033-1\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1462033-1\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1462033-1\\_D.3d\\_stp.zip](#)

English

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### Product Specifications

[Product Specification](#)

English

[Definitions Relays](#)

English