



SIGNAL RELAYS



✓ Active

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TE CONNECTIVITY (TE)

D3243=FX Relay 100 mW 5 V bis

Axicom | FX2

D3243

TE Internal Number: 3-1462034-0

Converted to EU RoHS/ELV Compliant

Contact Voltage Rating **250 VAC [220 VDC]**

Coil Power Rating (DC) (mW) **100**

Insertion Loss (HF Parameter) **-.6dB @ 900MHz, -.03dB @ 100MHz**

Insulation Initial Resistance (MΩ) **1000000**

Mounting Type **PCB-THT**

Product Drawings

[FX2-Relay](#)

PDF
English

[FX2 Marking](#)

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CAD Files

[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
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[Customer View Model](#)

2D_DXF.ZIP
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[3D PDF](#)

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Product Specifications

Product Specification

[FX2 Relay Datasheet](#)

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[Definitions Relays](#)

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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

	Relay Type	FX2 Relay
Electrical Characteristics	Contact Voltage Rating	250 VAC [220 VDC]
	Coil Power Rating (DC) (mW)	100
	Insulation Initial Resistance (MΩ)	1000000
	Coil Voltage Rating (VAC)	5
	Contact Switching Voltage (Max)	250 VAC [220 VDC]
	Coil Magnetic System	Bistable, 1 Coil, Polarized
	Insulation Initial Dielectric Between Coil/Contact Class	1500 V – 2500 VA
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	1800
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	1800
	Contact Limiting Making Current (A)	2
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1800
	Actuating System	DC
	Contact Limiting Short-Time Current (A)	2
	Contact Limiting Continuous Current (A)	2
	Coil Resistance (Ω)	250
	Contact Switching Load (Min)	.1mA @ .0001V
	Contact Limiting Breaking Current (A)	2
	Coil Power Rating Class	50 – 300mW
	Coil Type	Bistable
Voltage Standing Wave Ration (HF Parameter)	1.07 @ 100MHz, 1.45 @ 900MHz	
Signal Characteristics	Insertion Loss (HF Parameter)	-.6dB @ 900MHz, -.03dB @ 100MHz
Body Features	Weight (oz)	2.5
Contact Features	Terminal Type	PCB-THT
	Contact Current Rating (A)	2
	Contact Arrangement	2 Form C (CO)
	Contact Material	PdRu
	Contact Number of Poles	2
	Contact Special Features	Bifurcated/Twin Contacts
	Contact Current Class	0 – 2 A
	Contact Plating Material	Gold













Mechanical Attachment	Mounting Type	PCB-THT
Dimensions	Length Class (Mechanical)	14 – 16 mm
	Width Class (Mechanical)	6 – 8 mm
	Length (in)	14
	Height Class (Mechanical)	10 – 11 mm
	Dimensions (L x W x H) (Approximate)	14.95 x 7.3 x 10.7 mm [.588 x .287 x .421 in]
	Width (in)	.287
	Height	10.7 mm [.421 in]
Usage Conditions	Environmental Category of Protection	RTV
	Environmental Ambient Temperature (Max)	85 °C [85 °F]
	Environmental Ambient Temperature Class	70 – 85°C
Operation/Application	Performance Type	Standard
Packaging Features	Packaging Method	Tube, Tube/Box
Other	Additional Features	THT

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	SURFACE MOUNT RESISTORS	SURFACE MOUNT RESISTORS	THROUGH-HOLE RESISTORS
 <p>CRGH0603 5% 75R 0.2W CRGH0603J75R</p>	 <p>CRGH0603 1% 8K2 0.2W CRGH0603F8K2</p>	 <p>CPF 0603 52K3 1% 50PPM 1K RL CPF0603F52K3C1</p>	 <p>LR0204 1% 27R LR0204F27R</p>
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