



## SIGNAL RELAYS



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TE CONNECTIVITY (TE)

### IM01JR=IM RELAY 140 MW 3 V

[Axicom](#) | [IM](#)

IM01JR

TE Internal Number: 4-1462037-0

Alias ID: 1392881

[Always EU RoHS/ELV Compliant](#)

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

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

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

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

Insulation Initial Resistance (MΩ) **1000000**

#### Product Drawings

##### [IM-Relay Marking](#)

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##### [IM2-J-Relay](#)

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#### CAD Files

##### [Customer View Model](#)

2D\_DXF.ZIP  
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##### [3D PDF](#)

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3D

##### [Customer View Model](#)

3D\_IGS.ZIP  
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##### [Customer View Model](#)

3D\_STP.ZIP  
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#### Product Specifications

Product Specification

##### [IM Relay Datasheet](#)

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##### [Definitions Relays](#)


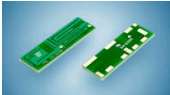










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Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

	Relay Type	IM Relay
Electrical Characteristics	Contact Voltage Rating	<b>250 VAC [ 220 VDC ]</b>
	Coil Power Rating (DC) (mW)	<b>140</b>
	Insulation Initial Resistance (MΩ)	<b>1000000</b>
	Coil Voltage Rating (VAC)	<b>3</b>
	Contact Switching Voltage (Max)	<b>250 VAC [ 220 VDC ]</b>
	Coil Magnetic System	<b>Monostable, DC</b>
	Insulation Initial Dielectric Between Coil/Contact Class	<b>1500 V – 2500 VA</b>
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	<b>1000</b>
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	<b>1800</b>
	Contact Limiting Making Current (A)	<b>2</b>
	Insulation Initial Dielectric Between Open Contacts (Vrms)	<b>1000</b>
	Actuating System	<b>DC</b>
	Contact Limiting Short-Time Current (A)	<b>2</b>
	Contact Limiting Continuous Current (A)	<b>2</b>
	Coil Resistance (Ω)	<b>64</b>
	Contact Switching Load (Min)	<b>.1mA @ .0001V</b>
	Contact Limiting Breaking Current (A)	<b>2</b>
	Coil Power Rating Class	<b>50 – 300mW</b>
	Coil Type	<b>Monostable</b>
	Voltage Standing Wave Ration (HF Parameter)	<b>1.06 @ 100MHz, 1.49 @ 900MHz</b>
Signal Characteristics	Isolation (HF Parameter)	<b>-37dB @ 100MHz, -18.8dB @ 900MHz</b>
	Insertion Loss (HF Parameter)	<b>-.33dB @ 900MHz, -.03dB @ 100MHz</b>
Body Features	Insulation Special Features	<b>2500V Initial Surge Withstand Voltage between Contacts &amp; Coil</b>
	Weight (oz)	<b>.75</b>
Contact Features	Terminal Type	<b>PCB-SMT</b>
	Contact Current Rating (A)	<b>2</b>
	Contact Arrangement	<b>2 Form C (CO)</b>
	Contact Material	<b>PdRu</b>
	Contact Number of Poles	<b>2</b>
	Contact Special Features	<b>Bifurcated/Twin Contacts</b>

	Contact Current Class	0 – 2 A
	Contact Plating Material	Gold
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Length Class (Mechanical)	0 – 10 mm
	Width Class (Mechanical)	0 – 6 mm
	Length (in)	10
	Width	6 mm [ .236 in ]
	Height Class (Mechanical)	0 – 6 mm
	Dimensions (L x W x H) (Approximate)	10 x 6 x 5.65 mm [ .393 x .236 x .222 in ]
	Height	5.6 mm [ .221 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	Reel
Other	Additional Features	J Leg
Product Compliance	<a href="#">Statement of Compliance</a> PDF	
	<a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

CRIMP QUICK DISCONNECTS	ANTENNAS	PCB FERRULES & SHIELDS	WIRE-TO-BOARD HEADERS & RECEPTACLES
			
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