

RELAYS, CONTACTORS & SWITCHES

SIGNAL RELAYS







PRODUCT DRAWING



3D PDF

TE CONNECTIVITY (TE) IM16GR=IM RELAY 110 MW 12 V

Axicom | IM

1462039-5

TE Internal Number: 1462039-5

Always EU RoHS/ELV Compliant

Contact Voltage Rating 250 VAC [220 VDC]

Coil Power Rating (DC) (mW) 110

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

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

Insulation Initial Resistance (M Ω) 1000000

Product Drawings

IM2-G-Relay

PDF **English**

IM-Relay Marking

PDF **English**

CAD Files

Customer View Model

2D_DXF.ZIP English

3D PDF

PDF **3D**

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP English

Product Specifications

Product Specification IM Relay Datasheet

PDF **English**

Definitions Relays

PDF **English**

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

Product Type Features Product Type Relay Relay Type IM Relay

Electrical Characteristics	Contact Voltage Rating	250 VAC [220 VDC]
	Coil Power Rating (DC) (mW)	110
	Insulation Initial Resistance (M Ω)	1000000
	Coil Voltage Rating (VAC)	12
	Contact Switching Voltage (Max)	250 VAC [220 VDC]
	Coil Magnetic System	Monostable, DC
	Coil Special Features	Sensitive Version
	Insulation Initial Dielectric Between Coil/Contact Class	1500 V – 2500 VA
	Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	1000
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	1800
	Contact Limiting Making Current (A)	2
	Insulation Initial Dielectric Between Open Contacts (Vrms)	1000
	Actuating System	DC
	Contact Limiting Short-Time Current (A)	2
	Contact Limiting Continuous Current (A)	2
	Coil Resistance (Ω)	1315
	Contact Switching Load (Min)	.1mA @ .0001V
	Contact Limiting Breaking Current (A)	2
	Coil Power Rating Class	50 – 300mW
	Coil Type	Monostable
	Voltage Standing Wave Ration (HF Parameter)	1.07 @ 100MHz, 1.45 @ 900MHz
gnal Characteristics	Isolation (HF Parameter)	-37dB @ 100MHz, -18.8dB @ 900MHz
	Insertion Loss (HF Parameter)	33dB @ 900MHz,03dB @ 100MHz
Body Features	Insulation Special Features	2500V Initial Surge Withstand Voltage between Contacts & Coil
	Weight (oz)	.75
ontact Features	Terminal Type	PCB-SMT
	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

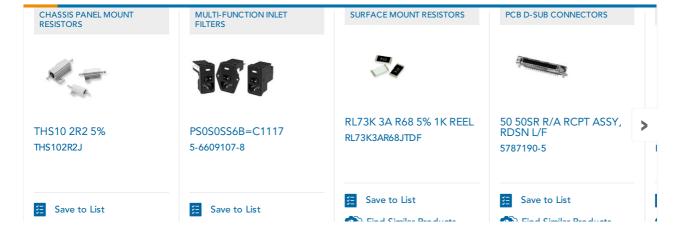
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Length Class (Mechanical)	0 – 10 mm
	Width Class (Mechanical)	0 – 6 mm
	Width	6 mm [.236 in]
	Length (in)	10
	Height Class (Mechanical)	0 – 6 mm
	Dimensions (L x W x H) (Approximate)	10 x 6 x 5.65 mm [.393 x .236 x .222 in]
	Height	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	Gull Wing
Product Compliance	Statement of Compliance	

Product Compliance Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT









Find Similar Products

III

Þ