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Relays, Contactors & Switches > Relays > Signal Relays



TE CONNECTIVITY (TE) - Axicom | IM C

IMC03GR=IM Relay 140 mW 5 V 1C

ACTIVE

1462042-8

TE Internal Number: 1462042-8

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Documents

Features

Compliance

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↓ **PRODUCT DRAWING**
English

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DOCUMENTATION

FEATURES

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 - C Relay

Electrical Characteristics

Contact Switching Load (Min) .1mA @ .0001V
Contact Limiting Breaking Current (A) 4
Contact Voltage Rating (VAC) 250
Contact Voltage Rating (VDC) 220
Coil Power Rating (DC) (mW) 140
Coil Voltage Rating (VAC) 5
Contact Switching Voltage (Max) (VDC) 220
Contact Switching Voltage (Max) (VAC) 250
Coil Magnetic System Monostable, DC
Coil Type Monostable
Contact Limiting Continuous Current (A) 3
Coil Resistance (Ω) 178
Contact Limiting Making Current (A) 4
Insulation Initial Resistance (M Ω) 1000000
Voltage Standing Wave Ration (HF Parameter) 1.07 @ 100MHz, 1.45 @ 900MHz
Insulation Initial Dielectric Between Coil/Contact Class 1500 V – 2500 VA
Insulation Initial Dielectric Between Contacts and Coil (Vrms) 1800
Contact Limiting Short-Time Current (A) 4
Insulation Initial Dielectric Between Open Contacts (Vrms) 1000
Actuating System DC
Coil Power Rating Class 50 – 300 mW

Signal Characteristics

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

Body Features

Weight (oz) .75
Insulation Special Features 2500V Initial Surge Withstand Voltage between Contacts & Coil

Contact Features

Terminal Type PCB-SMT
Contact Current Rating (A) 4
Contact Arrangement 1 Form C (CO)
Contact Material PdRu
Contact Number of Poles 1
Contact Special Features Bifurcated/Twin Contacts
Contact Current Class 2 – 5 A
Contact Plating Material Gold

Mechanical Attachment

Mounting Type Printed Circuit Board

Dimensions

Dimensions (L x W x H) (Approximate) 10 x 6 x 5.4 mm [.393 x .236 x .212 in]
Height Class (Mechanical) 0 – 6 mm
Length (in) 10
Length Class (Mechanical) 0 – 10 mm
Height 5.71 mm [.224 in]
Width 6 mm [.236 in]
Width Class (Mechanical) 0 – 6 mm

Usage Conditions

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

Operation/Application

Performance Type Standard

Packaging Features

Packaging Method Reel

Other

Additional Features Gull Wing

PRODUCT COMPLIANCE



Compatible Products

> [Contact Product Support](#)

Also in the Series | [IM C](#)



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PCB TERMINALS



FASTON .110 SERIES (2.8 MM) TAB BR
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