



SIGNAL RELAYS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

HF6 73=50 OHM 70MW 5V BISTAB

Axicom | HF6

1-1462052-0

TE Internal Number: 1-1462052-0

Always EU RoHS/ELV Compliant

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

Coil Power Rating (DC) (mW) **70**

Isolation (HF Parameter) **-80dB @ 900MHz, -60dB @ 3GHz, -30dB @ 6GHz**

Insertion Loss (HF Parameter) **-.8dB @ 6GHz, -.15dB @ 3GHz, -.05dB @ 900MHz**

Insulation Initial Resistance (M Ω) **1000000**

Product Drawings

HF6-50-Relay

PDF
English

HF6 Relay 50 Ohm

PDF
English

CAD Files

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

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Product Specifications

Product Specification

HF6 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

HF6 Relay

Electrical Characteristics

Contact Voltage Rating

250 VAC [220 VDC]

Coil Power Rating (DC) (mW)

70

Insulation Initial Resistance (M Ω)

1000000

Coil Voltage Rating (VAC)

5

Contact Switching Voltage (Max)

250 VAC [220 VDC]

Coil Magnetic System

Bistable, 1 Coil

Insulation Initial Dielectric Between
Coil/Contact Class

500 – 1000 V

Insulation Initial Dielectric Between Contacts
and Coil (Vrms)

1000

Contact Limiting Making Current (A)

2

Insulation Initial Dielectric Between Open
Contacts (Vrms)

600

Actuating System

DC

Contact Limiting Short-Time Current (A)

2

Contact Limiting Continuous Current (A)

2

Coil Resistance (Ω)

357

Contact Limiting Breaking Current (A)

2

Coil Power Rating Class

50 – 300mW

Coil Type

Bistable, 1 Coil

Voltage Standing Wave Ration (HF Parameter)

1.07 @ 100MHz, 1.45 @ 900MHz

Signal Characteristics

Isolation (HF Parameter)

**-80dB @ 900MHz, -60dB @ 3GHz, -30dB @
6GHz**

	Insertion Loss (HF Parameter)	-.8dB @ 6GHz, -.15dB @ 3GHz, -.05dB @ 900MHz
Body Features	Insulation Special Features	1500V Initial Surge Withstand Voltage between Contacts & Coil
	Weight (oz)	3
Contact Features	Terminal Type	PCB-SMT
	Contact Current Rating (A)	2
	Contact Arrangement	1 Form C (CO)
	Contact Material	Ag
	Contact Number of Poles	1
	Contact Current Class	0 – 2 A
	Contact Plating Material	Gold
Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Length Class (Mechanical)	14 – 16 mm
	Width Class (Mechanical)	6 – 8 mm
	Length (in)	14.9
	Width	7.5 mm [.295 in]
	Height Class (Mechanical)	10 – 11 mm
	Dimensions (L x W x H) (Approximate)	14.9 x 7.5 x 10.5 mm [.586 x .295 x .413 in]
	Height	10.5 mm [.413 in]
Usage Conditions	Environmental Category of Protection	RTIII
	Environmental Ambient Temperature (Max)	85 °C [85 °F]
	Environmental Ambient Temperature Class	70 – 85°C
Operation/Application	Performance Type	Standard
Packaging Features	Packaging Method	Box/Carton, Reel
Other	Additional Features	Gull Wing

Product Compliance

[Statement of Compliance](#)
PDF

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