chanhvinh.com

HM-12B ✔ ACTIVE

CII | CII HM Relay

TE Internal #: 1-1617109-1

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, CII HM Relay

View on TE.com >

Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Signal Relay**

Current Type: **DC**

Coil Magnetic System: **Non-Polarized, Monostable**

Contact Arrangement: **2 Form C DPDT-CO**

Contact Current Rating: **1 A**

Features

Product Type Features

Relay & Contactor Type	General Purpose Signal Relay

Configuration Features

Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Coil Resistance	390 Ω
Contact Switching Voltage (Max)	28 VDC
Contact Current Rating	1 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	.369 W

Body Features

Enclosure Type	Hermetically Sealed

Termination Features

Main Termination & Connection Type	Extended Leads
Coil Termination & Connection Type	Extended Leads

Mechanical Attachment

Product Mount Type	Board Mount

Usage Conditions

HM-12B

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, CII HM Relay

Operating Temperature Range	-55 – 85 °C
Environmental Ambient Temperature (Max)	85 °C[185 °F]

Operation/Application

Vibration Resistance	10G's, 10 – 500Hz
Shock Resistance	30G's, 6ms
Current Type	DC
Coil Magnetic System	Non-Polarized, Monostable

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

chanhvinh.com

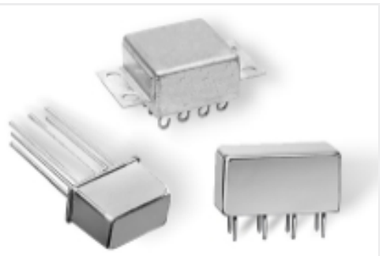
HM-12B

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, CII HM Relay



TE Part # 1-1617037-3
HFW5A1201L00 = HFW5A RELAY

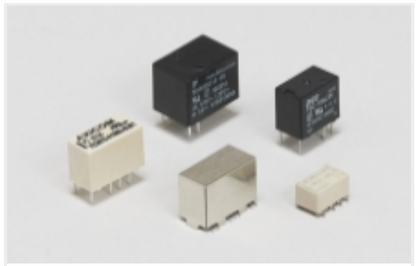
Also in the Series | CII HM Relay



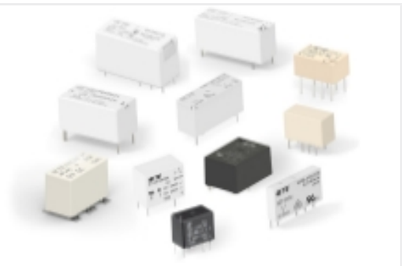
DC Relays(5)



Electromechanical Relays(5)



General Purpose Signal Relays(5)



PCB Relays(5)

Customers Also Bought



TE Part #5747840-3
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #1-1617109-3
HM-26B = HM RELAY

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-1617109-1_O.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1-1617109-1_O.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-1617109-1_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

chanhvinh.com

HM-12B

General Purpose Signal Relay, DC, Non-Polarized, Monostable, 2 Form C DPDT-CO, 1 A Contact Rating, 12 VDC Coil Voltage, CII HM Relay

5-1773450-5_sec1_HM

English

RELAY

English

chanhvinh.com