LSAW-2C-12B ✔ ACTIVE

CII | CII LS Relay

TE Internal #: 1617091-1

General Purpose Signal Relay, DC, Polarized, Bistable, Latching, 2 Form C DPDT-CO, 2 A Contact Rating, 12 VDC Coil Voltage, CII LS Relay

View on TE.com >

Relays & Contactors > Electromechanical Relays > DPDT LS Latching Relay: Magnetic-Latched, Half-Size Relay



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

Coil Magnetic System: **Polarized, Bistable, Latching**

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

Current Type: **DC**

Contact Current Rating: **2 A**

All DPDT LS Latching Relay: Magnetic-Latched, Half-Size Relay (9)

Features

Product Type Features

Relay & Contactor Type	General Purpose Signal Relay

Configuration Features

Contact Arrangement	2 Form C DPDT-CO

Electrical Characteristics

Coil Resistance	254 Ω
Contact Current Rating	2 A
Coil Voltage Rating	12 VDC
Coil Power Rating DC	.567 W

Body Features

Enclosure Type	Hermetically Sealed

Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

Mechanical Attachment

Product Mount Type	Board Mount

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
Environmental Ambient Temperature (Max)	125 °C[257 °F]

Operation/Application

Vibration Resistance	20G's, 10 – 2000Hz
Shock Resistance	100G's, 6ms
Coil Magnetic System	Polarized, Bistable, Latching
Current Type	DC

Other

Contact Current Class	≤2 A
Coil Power Rating Class	>.3 – ≤.6 W

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (.6% in 74018820) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the

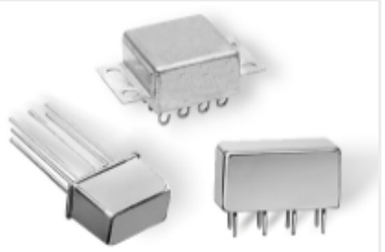
product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

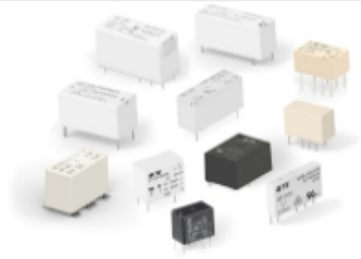


TE Part # 2-1617031-1
HFW1201K45M = M39016/6-109M

Also in the Series | CII LS Relay



DC Relays(7)



PCB Relays(1)

Customers Also Bought



TE Part #CSI-SGFE-100-UFFR
SMA to U.FL/MHF1 100mm 1.13 OD



TE Part #CSJ-RGFB-200-MHF4
RP-SMA to MHF4 200mm 0.81 OD



TE Part #NB13282001
RNF-100-3/4-BK-STK



TE Part #1-794606-2
MICRO MNL RPT CNT STRP 30AU LF



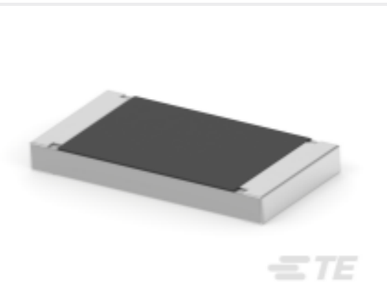
TE Part #2029047-3
3P MICRO MNL RCPT HSG SR SIDE



TE Part #2176341-7
CRGCQ 0805 33R 1%



TE Part #5-2176347-2
CRGCQ 2010 180K 1%



TE Part #3-2176348-6
CRGCQ 2010 680K 5%



TE Part #5556416-1
MJ,TE,8P



TE Part #102107-1
MOD IV PIN LP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1617091-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1617091-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1617091-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

5-1773450-5_sec1_LS

English

RELAY

English