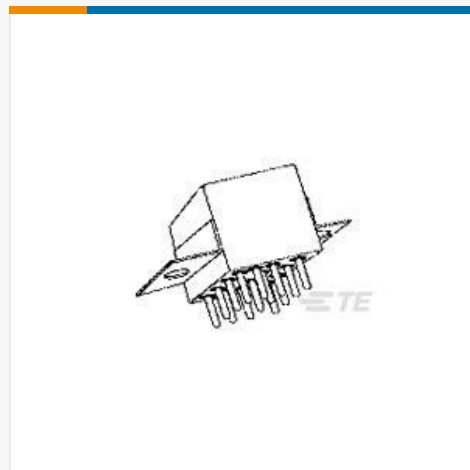


Relays, Contactors & Switches > Relays > Mil-Aero Relays > Mid-Range

FCB-405-0619M

FCB-405-0619M=M83536/6-019M



CII | CII FCB-405 Series

TE Internal #: **7-1617760-9**

TE Internal Description: **FCB-405-0619M=M83536/6-019M**

Mil-Spec: **M83536/6-019M**

Contact Arrangement : **4 Form C, 4PDT, 4 C/O**

Coil Suppression Diode : **With**

Auxiliary Contacts : **Without**

Terminal Plating : **Gold**

Contact Current Rating (A): **5**

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Compatible Parts & Tooling

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Feedback

Documents

Features

Product Compliance

Product Drawings

FCB-405-0619M=M83536/6-019M

[FCB-405-0619M=M83536/6-019M](#) English

CAD Files

3D PDF

[3D_CVM_CVM_7-1617760-9_C.pdf](#) 3D

Customer View Model

[ENG_CVM_CVM_7-1617760-9_C.2d_dxf.zip](#)

English

[ENG_CVM_CVM_7-1617760-9_C.3d_igs.zip](#)

English

[ENG_CVM_CVM_7-1617760-9_C.3d_stp.zip](#)

English

Datasheets & Catalog Pages

5-1773450-5_sec5_FCB-405

[ENG_CS_5-1773450-5_sec5_FCB-405_0313_5-1773450-5_Sec5_FCB-405.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

Terminal Configuration : **Socket Pins**
Relay Type : **Military/Aerospace Mid-Range**
Product Type : **Relay**
Enclosure Type : **Hermetically Sealed**

Electrical
Characteristics

Coil Suppression Diode : **With**
Coil Voltage Rating (VDC): **28**
Coil Resistance (Ω): **400**
Back EMF Suppression : **With**
Coil Magnetic System : **Polarized, Monostable**
Shock : **200G's, 6ms**
Actuating System : **DC**
Vibration : **30G's, 70 – 3000Hz**

Contact Features

Contact Arrangement : **4 Form C, 4PDT, 4 C/O**
Auxiliary Contacts : **Without**
Terminal Plating : **Gold**
Contact Current Rating (A): **5**
Contact Base Material : **Silver Cadmium Oxide**

Mechanical
Attachment

Mounting Type : **No Brackets**

Usage Conditions

Operating Temperature Range (°C): **-70 – 125**

EU RoHS
Directive
2011/65/EU

Substances: Cd, Pb

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).

EU ELV Directive
2000/53/EC

Substances: Cd, Pb

China RoHS 2
Directive MIIT
Order No 32, 2016

部件名称 (Component Name)	有害物质 (Hazardous Substance)					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价 铬 (Cr6)	多溴联 苯 (PBB)	多溴二苯 醚 (PBDE)
继电器 (Relays)	X	○	X	○	○	○

本表格依据SJ/T 11364标准的规定编制。This table is compiled according to SJ/T 11364 standard.

- : 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572标准规定的限量要求以下。
Indicates that the concentration of the hazardous substance in all homogeneous materials of the part is below the relevant threshold of the GB/T 26572 standard.
- X: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572标准规定的限量要求。
Indicates that the concentration of the hazardous substance in at least one homogeneous material of the part is above the relevant threshold of the GB/T 26572 standard.



电子电气产品的环保使用期限依据SJ/T 11388标准的规定确定。
The EFUP value of EEP is defined according to SJ/T 11388 standard.

EU REACH
Regulation (EC)
No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**
Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process
Capability

Not applicable for solder process capability

Statement of
Compliance

[Statement of Compliance pdf](#)

Compliance
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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>

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[FCB-405-0619M](#)

FCB-405-0619M=M83536/6-019M

TOP RESULTS

MID-RANGE RELAYS

[FCB-405-0617M](#)

FCB-405-0617M=M83536/6-017M

MID-RANGE RELAYS

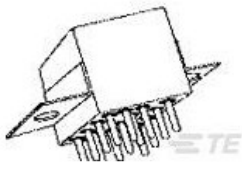
[FCB-205-0221M](#)

FCB-205-0221M=M83536/2-021M

MID-RANGE RELAYS

[FCB-405-BZ4](#)

FCB-405-BZ4



In-Stock

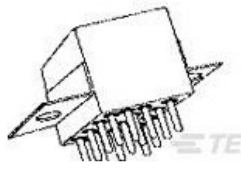
Contact Arrangement : **4 Form C, 4PDT, 4 C/O**

Coil Suppression Diode : **With**

Auxiliary Contacts : **Without**

Terminal Plating : **Gold**

Contact Current Rating : **5 A**



From

In-Stock

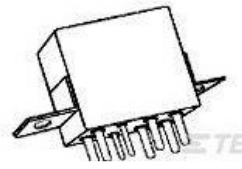
Contact Arrangement : **4 Form C, 4PDT, 4 C/O**

Coil Suppression Diode : **With**

Auxiliary Contacts : **Without**

Terminal Plating : **Tin-Lead**

Contact Current Rating : **5 A**



From

In-Stock

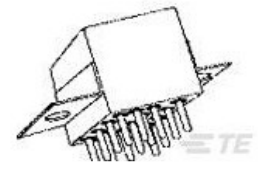
Contact Arrangement : **2 Form C, DPDT, 2 C/O**

Coil Suppression Diode : **With**

Auxiliary Contacts : **Without**

Terminal Plating : **Gold**

Contact Current Rating : **5 A**



From

In-Stock

Contact Arrangement : **4 Form C, 4PDT, 4 C/O**

Coil Suppression Diode : **With**

Auxiliary Contacts : **Without**

Terminal Plating : **Tin-Lead**

Contact Current Rating : **5 A**

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[Mid-Range Relays \(24\)](#)

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