



CII | CII FCB-205 Series

TE Internal #: 2-1617758-7

General Purpose Power Relay, DC, Polarized, Monostable, 2 Form C DPDT-CO, 5 A Contact Rating, 28 VDC Coil Voltage, Board Mount, CII FCB-205 Series

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Relays & Contactors > Electromechanical Relays



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

Current Type: **DC**

Coil Magnetic System: **Polarized, Monostable**

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

Contact Current Rating: **5 A**

Features

Product Type Features

| | |
|------------------------|-----------------------------|
| Relay & Contactor Type | General Purpose Power Relay |
|------------------------|-----------------------------|

Configuration Features

| | |
|---------------------|------------------|
| Contact Arrangement | 2 Form C DPDT-CO |
|---------------------|------------------|

Electrical Characteristics

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|------------------------|--------|
| Coil Resistance | 500 Ω |
| Contact Current Rating | 5 A |
| Coil Voltage Rating | 28 VDC |

Body Features

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|----------------|---------------------|
| Enclosure Type | Hermetically Sealed |
|----------------|---------------------|

Contact Features

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|------------------|----------------------|
| Contact Material | Silver Cadmium Oxide |
| Terminal Plating | Tin-Lead |

Termination Features

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

Mechanical Attachment

| | |
|-------------------------------|-------------------|
| Product Mounting Feature Type | Post Polarization |
|-------------------------------|-------------------|



| | |
|--------------------|-------------|
| Product Mount Type | Board Mount |
|--------------------|-------------|

Usage Conditions

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|---|----------------------------|
| Operating Temperature Range | -70 – 125 °C[-94 – 257 °F] |
| Environmental Ambient Temperature (Max) | 125 °C[257 °F] |

Operation/Application

| | |
|----------------------|-----------------------|
| Vibration Resistance | 30G's, 70 – 3000Hz |
| Shock Resistance | 200G's, 6ms |
| Current Type | DC |
| Coil Magnetic System | 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 2025 (247) SVHC > Threshold: Cadmium oxide (10% in Component Part) Article Safe Usage Statements: Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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

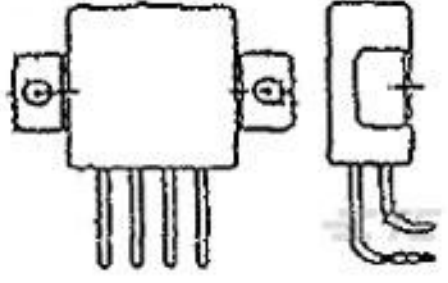
| | | | |
|---|---|---|---|
|  TE Part # 9-1617786-4 FCB-405-0509M=M83536/5-009M |  TE Part # 8-1617760-7 FCB-405-0628M=M83536/6-028M |  TE Part # 3-1617787-9 FCB-405-0605M=M83536/6-005M |  TE Part # 1617761-7 FCB-405-CX4 |
|  TE Part # 5-1617789-2 FCB-405-AZ4=MIDRANGE RELAY |  TE Part # 6-1617787-9 FCB-405-0629M=M83536/6-029M |  TE Part # 2-1617787-9 FCB-405-0532L=M83536/5-032L |  TE Part # 1-1617787-6 FCB-405-0525M=M83536/5-025M |
|  TE Part # 7-1617786-7 FCB-405-0501L=M83536/5-001L |  TE Part # 6-1617760-9 FCB-405-0523M=M83536/5-023M |  TE Part # 7-1617760-9 FCB-405-0619M=M83536/6-019M |  TE Part # 7-1617787-7 FCB-405-0634L=M83536/6-034L |
|  TE Part # 4-1617787-9 FCB-405-0611L=M83536/6-011L |  TE Part # 8-1617786-7 FCB-405-0506L=M83536/5-006L |  TE Part # 1617787-9 FCB-405-0519L=M83536/5-019L | |

Also in the Series | CII FCB-205 Series

| | | |
|---|--|---|
|  General Purpose Power Relays(41) |  PCB Relays(19) |  Plug-In Relays(10) |
|---|--|---|



Customers Also Bought



TE Part #1617749-3
FCA-210-0927M=M83536/9-027M



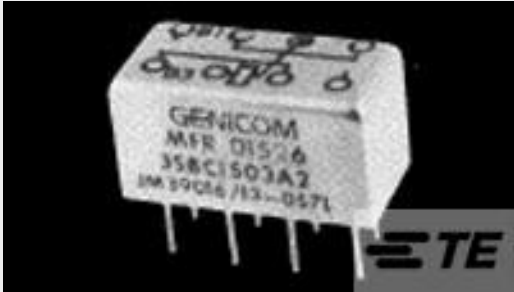
TE Part #2-1617799-5
FCAC-325-BZ4=RELAY




TE Part #530340-1
2 ROW BOX RECP 30 POS STAG



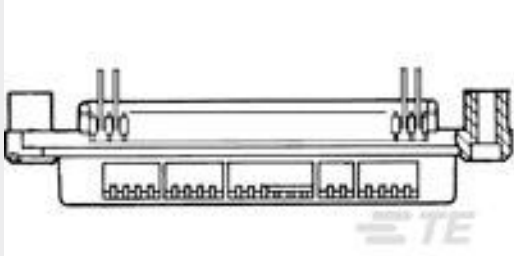
TE Part #5557566-1
MOD JK ASSY,8PORT,8POSN,RTANG



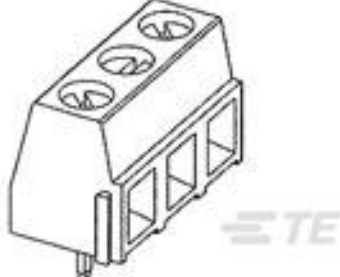
TE Part #2-1617072-7
3SBC1518A2 = M39016/13-057M



TE Part #1617754
FCA-410-1517M=M83536/15-017M



TE Part #5552118-1
ASSY, RCPT, 50 POS, VERT MTG



TE Part #1-282837-0
TERMI-BLOK PCB MOUNT 10P



TE Part #1-747871-4
09 PLUG SP/FMS SCRLK



TE Part #9-1879224-8
CPF 0603 36K5 0.1% 25PPM 1K RL

Documents

Product Drawings

FCB-205-0119M=M83536/1-019M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1617758-7_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-1617758-7_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1617758-7_D.3d_stp.zip

English

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Datasheets & Catalog Pages

[5-1773450-5_sec5_FCB-205](#)

English