



CII

TE Internal #: 6-1618386-9

Power Relays, Solid State, 3.8VDC Coil Voltage Rating, Contact Arrangement 1 Form A (NO), 10A Contact Current Rating (Max)

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Solid State**

Coil Voltage Rating: **3.8 VDC**

Contact Arrangement: **1 Form A (NO)**

Contact Current Rating (Max): **10 A**

Contact Switching Voltage (Max): **250 VAC**

Features

Product Type Features

| | |
|------------------|---------------------|
| Enclosure Type | Hermetically Sealed |
| Output Type | DC |
| Screening Level | Y |
| Power Relay Type | Solid State |

Electrical Characteristics

| | |
|-----------------------------------|--------------------|
| Output Current Rating | 10 A |
| Output Voltage Rating (AC Relays) | 250 Vrms |
| Vibration | 30G's, 10 – 3000Hz |
| Actuating System | AC |
| Shock | 100G's, 6ms |
| Coil Voltage Rating | 3.8 VDC |
| Contact Switching Voltage (Max) | 250 VAC |
| Contact Voltage Rating | 250 VAC |

Contact Features

| | |
|------------------------------|-----------------|
| Contact Arrangement | 1 Form A (NO) |
| Contact Current Rating (Max) | 10 A |
| Terminal Type | Screw Terminals |

Termination Features



| | |
|------------------------|-----------------|
| Relay Termination Type | Screw Terminals |
|------------------------|-----------------|

Mechanical Attachment

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|---------------------|-------|
| Relay Mounting Type | Screw |
|---------------------|-------|

Dimensions

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|--------------------------------------|-----------------------|
| Dimensions (L x W x H) (Approximate) | 50.8 x 25.4 x 22.9 mm |
|--------------------------------------|-----------------------|

Usage Conditions

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|-----------------------------|-------------|
| Operating Temperature Range | -55 – 95 °C |
|-----------------------------|-------------|

Packaging Features

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|------------------|----------|
| Packaging Method | Tray/Box |
|------------------|----------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed |
| 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 # 2-1617070-7
1621-C-2001 = 1600 FIXED OPERA



TE Part # 5-1617353-5
DS11-1Y=



TE Part # 8-1618387-7
PS12-1W=SOLID STATE RELAY, 10A /250VAC



TE Part # 3-1618400-8
DS11-1005T=SOLID STATE RELAY

TE Part # 1617827-4
4610-C-1600 Fixed Timer

TE Part # 1617827-5
1621-C-0700 = 1600 FIXED OPERA

TE Part # 9-1617814-0
PS10-1Y = 25A HP SSR

TE Part # 1617815-3
PS10-2Y = 25A HP SSR

TE Part # 1-1617827-9
1440-1a=PHASE SENSOR

TE Part # 2-1617827-1
1440-1c=PHASE SENSOR

Customers Also Bought



TE Part #1393139-2
MDR-131-1=MDR



TE Part #1676173-2
RN 0805 12K4 0.1% 10PPM 1KRL



TE Part #1623133-1
CRG0805 1% 1K2



TE Part #1393139-7
MDR-135-1=MDR



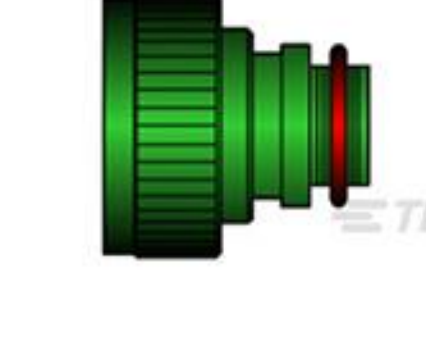
TE Part #1208484001
Single Wall NTFR: Heat Shrink Tubing, 1.75:1 Shrink Ratio



TE Part #YDTS24F15-35SNV001
D38999: Jam Nut, 15-35 Insert, Electroless Nickel Plating



TE Part #1505370001
TMS-SCE MILITARY GRADE SLEEVES



TE Part #150211-000
TXR54AB00-1206AI



TE Part #1757828-3
AMPLIMITE,RCPT ASY,POSTD,109,ZN,
3



TE Part #1-1617122-0
JMACD-26XLS = M39016/15-105L

Documents

Product Drawings

[PS12-1Y = SOLID STATE RELAY, 10A/250VAC](#)

English

Datasheets & Catalog Pages

[5-1773450-5_sec10_PS12](#)

English