# 7-1393302-5 V ACTIVE

#### Power Relay F

TE Internal #: 7-1393302-5

General Purpose Power Relay, DC, Monostable, 1 Form A (NO), 60

A Contact Rating, 12 VDC Coil Voltage, 12 VDC Contact Voltage,

Power Relay F

View on TE.com >



Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: General Purpose Power Relay

Current Type: DC

Coil Magnetic System: Monostable

Contact Arrangement: 1 Form A (NO)

Contact Current Rating: 60 A

**Features** 

## **Product Type Features**

71	
Relay & Contactor Type	General Purpose Power Relay
Configuration Features	
Contact Arrangement	1 Form A (NO)
Electrical Characteristics	
Contact Switching Load (Min)	1000mA @ 5VDC
Contact Limiting Short-Time Current	240 A
Contact Limiting Making Current	120 A
Coil Resistance	90 Ω
Contact Limiting Continuous Current	60 A
Contact Limiting Breaking Current	60 A
Insulation Initial Dielectric Between Open Contacts	500 Vrms
Contact Current Rating	60 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	12 VDC
Coil Power Rating DC	1.6 W
Insulation Initial Dielectric Between Contacts & Coil	500 Vrms
Body Features	

35 g[1.2 oz]

Product Weight



Enc	losure	Type	Dust Protected	l

#### **Contact Features**

Contact Material	Silver Alloy

#### **Termination Features**

Main Termination & Connection Type	Quick Connect Terminals
Coil Termination & Connection Type	Quick Connect Terminals

#### Mechanical Attachment

#### **Dimensions**

Product Width	25.9 mm[1.019 in]
Product Length	25.9 mm[1.019 in]
Product Height	24.9 mm[.98 in]

### **Usage Conditions**

Environmental Category of Protection	RTI
Environmental Ambient Temperature (Max)	125 °C[257 °F]

#### Operation/Application

Current Type	DC
Coil Magnetic System	Monostable

### Other

Contact Current Class	>50 - ≤200 A
Coil Power Rating Class	>1.5 - ≤3 W
Height Class (Mechanical)	>22 - ≤27 mm[>.866 - ≤1.063 in]
Length Class (Mechanical)	>22 - ≤33 mm[>.866 - ≤1.299 in]

### **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	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 2025 (247) Candidate List Declared Against: JUNE 2024 (241)



		REACH	CV/II/C
$n \cap T$	CONTAIN	RFA( H	$\sim VH($

Free	homogenous material. Also BFR/CFR/PVC	Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per
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Solder Process Capability

Not applicable for solder process capability

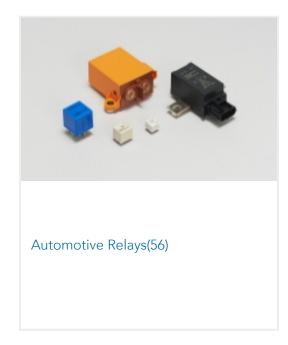
Product Compliance Disclaimer

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**



# Also in the Series | Power Relay F









# Customers Also Bought

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TE Part #234478-E SRCA 1,27 12 M 1 SMD 137 E1 094 \* GURT \*



TE Part #1-796692-2
TERMI-BLOK PCB MOUNT 1&2 12P.5



TE Part #1670365-2 COVER MIXED, 180, 2-3POS, NW4.5





TE Part #8-1879130-0 RN 0402 4K99 0.1% 10PPM 1K RL











#### **Documents**

**Product Drawings** 

V23134B0052C642-EV-CBOX

English

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393302-5\_S00F.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393302-5\_S00F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_7-1393302-5\_S00F.3d\_stp.zip

English

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

Datasheets & Catalog Pages



Automotive Relay Application Notes

English

Power Relay F4, Mini ISO, Plug-In

English

**Product Specifications** 

Definitions General Purpose Relays

English