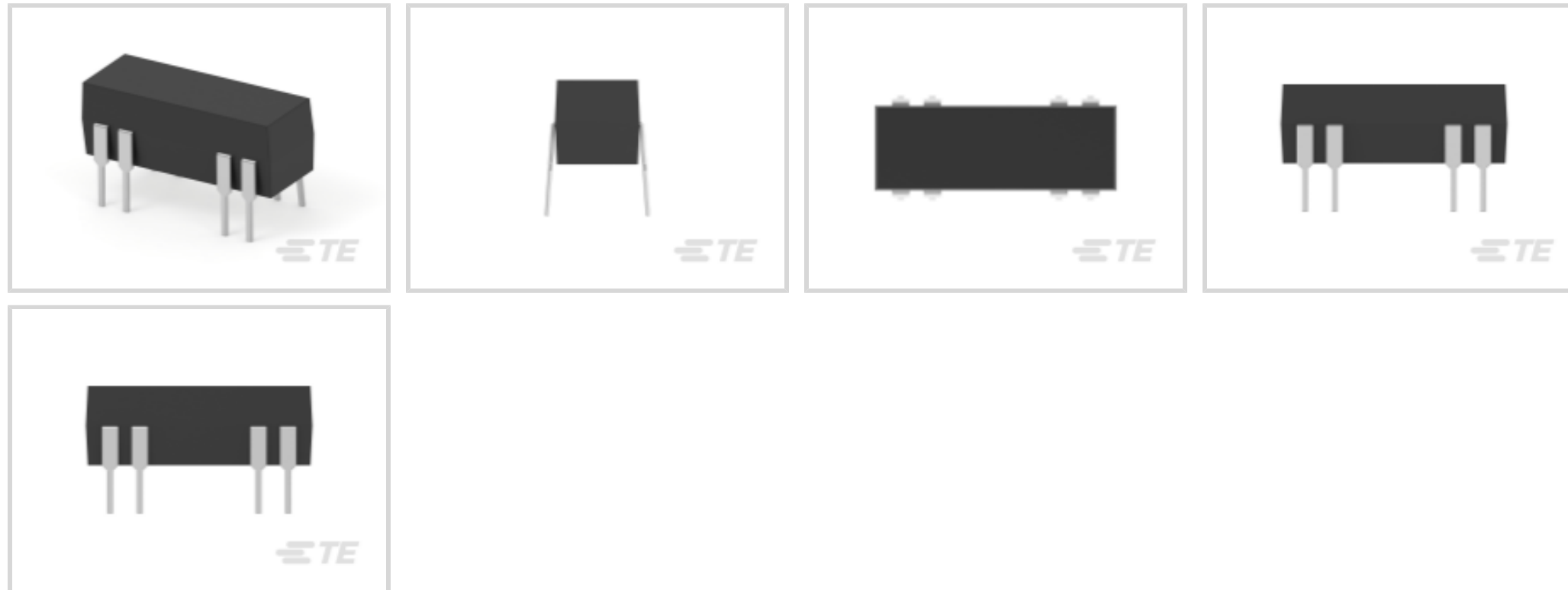




Relays & Contactors > Relays > Signal Relays



Contact Voltage Rating: **20 VDC**

Coil Power Rating DC: **120 mW**

Product Mount Type: **Printed Circuit Board**

Coil Voltage Rating: **12 VDC**

Contact Current Rating: **.5 A**

## Features

### Configuration Features

Contact Special Features	Reed Contacts
Coil Special Features	UL Coil Insulation
Contact Arrangement	1 Form A (NO)
Contact Number of Poles	1

### Electrical Characteristics

Insulation Initial Dielectric Between Open Contacts	250 Vrms
Contact Limiting Making Current	.5 A
Contact Limiting Short-Time Current	.5 A
Contact Limiting Continuous Current	.5 A
Insulation Initial Dielectric Between Contacts & Coil	500 Vrms
Contact Limiting Breaking Current	.5 A
Contact Switching Load (Min)	10mA @ .01V
Coil Resistance	1200 Ω
Contact Voltage Rating	20 VDC



Coil Power Rating DC	120 mW
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Coil Voltage Rating	12 VDC
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Contact Current Rating	.5 A
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Contact Switching Voltage (Max)	100 VDC
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### Body Features

Product Weight	2.3 g[.0811 oz]
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### Contact Features

Contact Plating Material	Ruthenium
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Contact Material	Ruthenium
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### Termination Features

Relay Connection Type	PCB Termination
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Terminal Configuration	PCB Pins
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### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### Dimensions

Product Width	7.62 mm[.3 in]
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Product Length	19.56 mm[.77 in]
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Product Height	8 mm[.314 in]
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### Usage Conditions

Environmental Category of Protection	RTIII
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Environmental Ambient Temperature (Max)	85 °C[85 °F]
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Operating Temperature Range	-35 – 85 °C
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### Operation/Application

Actuating System	DC
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Solder Process	Wave Solder
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Performance Type	Standard
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Coil Magnetic System	Monostable
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### Packaging Features

Packaging Method	Box & Tray, Tray
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### Other

Length Class (Mechanical)	16 – 20 mm
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Environmental Ambient Temperature Class	70 – 85 °C
Height Class (Mechanical)	7 – 8 mm
Coil Power Rating Class	100 – 150 mW
Width Class (Mechanical)	6 – 8 mm
Contact Current Class	0 – 2 A

### Product Compliance

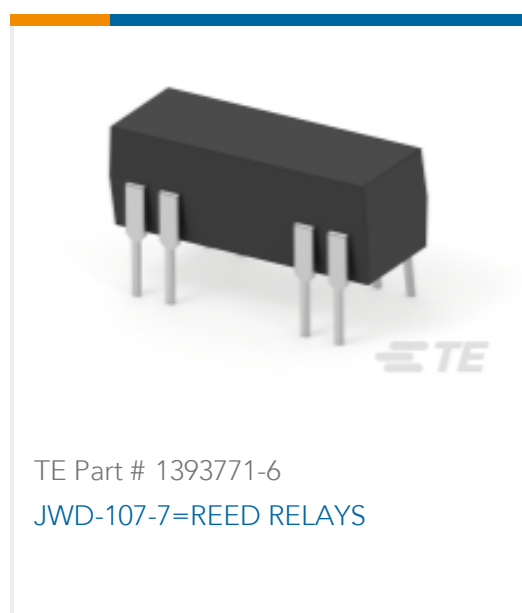
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

#### 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 | Potter & Brumfield JWD Series



Signal Relays(33)

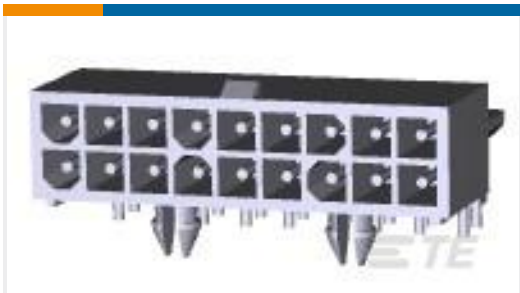
## Customers Also Bought



TE Part #165172  
PIDG WIRE PIN



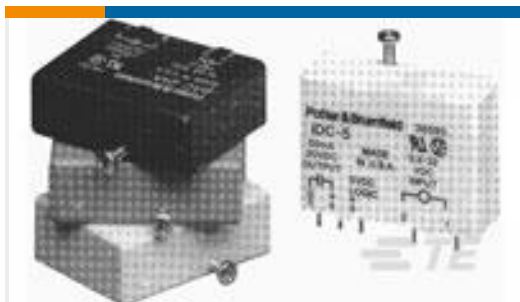
TE Part #3-644020-5  
05P MTA100 CONN ASSY 30AU



TE Part #1-794105-1  
18P MINI UMNL R/A HDR ASSY LF



TE Part #5207872-3  
KIT SCREWLOCK FEMALE (METRIC)



TE Part #2-1393028-8  
OAC-5A = PCB MOUNT, 3A,240V AC -  
DC I/p



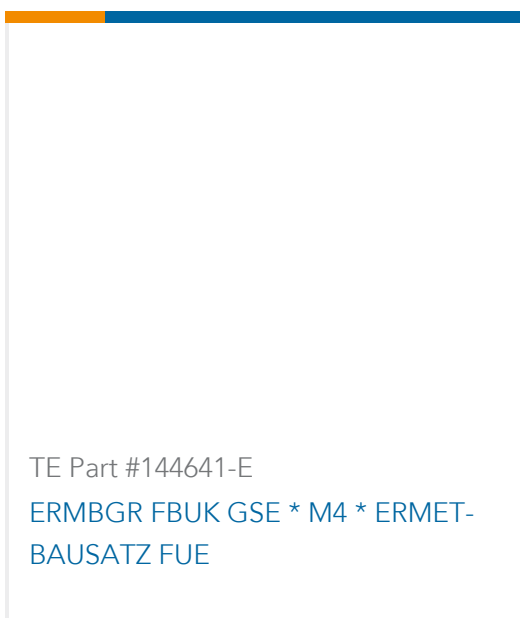
TE Part #5748953-1  
AMP III PLUG 25P RA 590 FFSCRLK



TE Part #2-1617030-6  
HFW1201G01 = M39016/6-116L



TE Part #4-2176610-3  
EP 1W (SS) 56R 5%



TE Part #144641-E  
ERMBGR FBUK GSE \* M4 \* ERMET-  
BAUSATZ FUE

## Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1393771-4\\_99.2d\\_dxf.zip](#)

[English](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_1393771-4\\_99.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1393771-4\\_99.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

[JWD/JWS Dual In-Line Package & Single In-Line Package Dry Reed Relays](#)

English

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### Product Specifications

[Definitions General Purpose Relays](#)

English