# KUEP-3D17-12 ✔ ACTIVE

Potter & Brumfield | Potter & Brumfield KUEP

TE Internal #: 1393114-3

Power Relays, Industrial Panel Plug-In, Monostable, DC, 1200 mW Coil Power Rating DC, 120 Ω Coil Resistance, Potter & Brumfield KUEP

View on TE.com >

Relays & Contactors > Relays > Power Relays



Relay Type: **Industrial Panel Plug-In**

Coil Magnetic System: **Monostable, DC**

Coil Power Rating DC: **1200 mW**

Coil Resistance: **120 Ω**

Coil Special Features: **UL Coil Insulation Class B**

## Features

### Product Type Features

| | |
|---|---|
| Relay Type | Industrial Panel Plug-In |

### Configuration Features

| | |
|---|---|
| Contact Special Features | Magnetic Blowout |
| Coil Special Features | UL Coil Insulation Class B |
| Contact Arrangement | 1 Form X (NO, Bridging) |
| Contact Number of Poles | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Initial Dielectric Between Contacts & Coil | 2200 Vrms |
| Insulation Initial Dielectric Between Open Contacts | 1200 Vrms |
| Contact Limiting Making Current | 10 A |
| Contact Limiting Short-Time Current | 10 A |
| Contact Limiting Continuous Current | 10 A |
| Insulation Initial Dielectric Between Adjacent Contacts | 2200 Vrms |
| Insulation Initial Resistance | 100 MΩ |
| Input Voltage | 150 VDC |
| Contact Limiting Breaking Current | 10 A |
| Coil Power Rating DC | 1200 mW |
| Coil Resistance | 120 Ω |

| | |
|---|---|
| Coil Voltage Rating | 12 VDC |
| Contact Current Rating | 10 A |
| Contact Switching Load (Min) | 300mA @ 12V |
| Contact Voltage Rating | 150 VDC |

## Body Features

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|---|---|
| Product Weight | 85 g[2.988 oz] |

## Contact Features

| | |
|---|---|
| Contact Material | AgCdO |

## Termination Features

| | |
|---|---|
| Relay Connection Type | PCB Termination |
| Terminal Configuration | Solder Pins |

## Mechanical Attachment

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|---|---|
| Product Mount Type | Socket |

## Dimensions

| | |
|---|---|
| Product Width | 35.71 mm[1.4 in] |
| Product Length | 38.89 mm[1.53 in] |
| Product Height | 48.41 mm[1.9 in] |

## Usage Conditions

| | |
|---|---|
| Environmental Ambient Temperature (Max) | 70 °C[158 °F] |
| Operating Temperature Range | -45 - 70 °C |

## Operation/Application

| | |
|---|---|
| Actuating System | DC |
| Coil Magnetic System | Monostable, DC |

## Packaging Features

| | |
|---|---|
| Packaging Method | Package |

## Other

| | |
|---|---|
| Length Class (Mechanical) | 35 - 40 mm |
| Insulation Initial Dielectric Between Coil & Contact Class | 1500 - 2500 V |
| Environmental Ambient Temperature Class | 50 - 70 °C |
| Height Class (Mechanical) | 40 - 50 mm |
| Coil Power Rating Class | 1000 - 1500 mW |

| | |
|---|---|
| Width Class (Mechanical) | 30 - 40 mm |
| Contact Current Class | 16 A |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | 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 2024 (240)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Cadmium oxide (3.76% in Component Part)<br>**Article Safe Usage Statements:**<br>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 | Not Yet Reviewed for halogen content |
| Solder Process Capability | Wave solder capable to 260°C |

Product Compliance Disclaimer

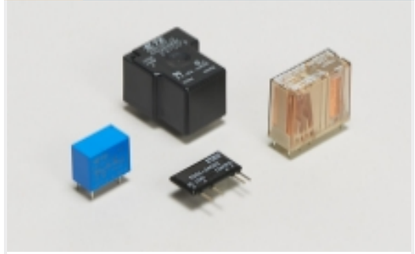
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 9-1393113-8
KUEP-3D15-12=KU

## Also in the Series | Potter & Brumfield KUEP



Power Relays(30)

## Customers Also Bought



TE Part # 1-5747871-6
09 PLUG SP/FMS SCRLK



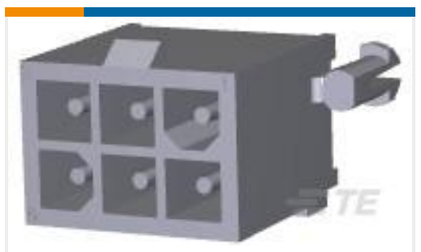
TE Part # 1-499252-2
030 STRAIN RELIEF A-L RCPT



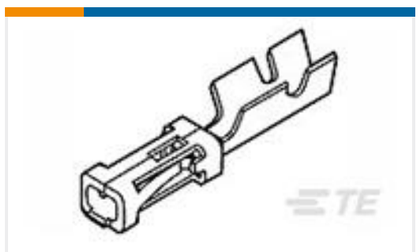
TE Part # 1-644752-2
12P MTA156 HDR ASSY SQ STR F/L



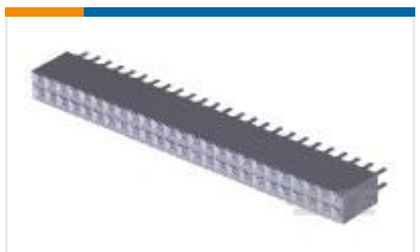
TE Part # 3-644754-4
04P MTA156 HDR ASSY SQ R/A F/L



TE Part # 1-770875-1
06P MINI UMNL HDR ASSY AU LF



TE Part # 86016-1
MOD IV RECP LP



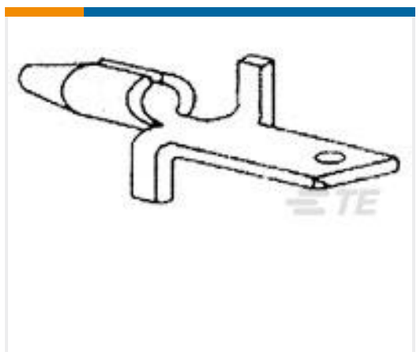
TE Part # 7-534998-5
50 MODIV VRT DR CE 100/125



TE Part # 281696-6
HEADER HE13 STRAIGHT 6 P



TE Part # 5822097-3
72 ME .050 L/P AU M/L PB-FREE



TE Part # 62437-1
110 FASTON TAB TPBR

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1393114-3_D.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1393114-3_D.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_1393114-3_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

KUEP Series Relay Datasheet

English

## Product Specifications

Definitions General Purpose Relays

English

## Agency Approvals

UL

English