

KUEP-3D17-48

✓ ACTIVE

Potter & Brumfield | Potter & Brumfield KUEP

TE Internal #: 1393114-4

Potter & Brumfield KUEP, Power Relays, Industrial Panel Plug-In,
Monostable, DC, 1000 – 1500mW Coil Power Rating Class, 1300mW
Coil Power Rating DC

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Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: **Industrial Panel Plug-In**
Coil Magnetic System: **Monostable, DC**
Coil Power Rating Class: **1000 – 1500 mW**
Coil Power Rating DC: **1300 mW**
Coil Resistance: **1800 Ω**

Features

Product Type Features

Power Relay Type	Industrial Panel Plug-In
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Electrical Characteristics

Insulation Initial Dielectric Between Coil & Contact Class	1500 – 2500 V
Input Voltage Typical	150 VDC
Insulation Initial Dielectric Between Contacts & Coil	2200 Vrms
Actuating System	DC
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
Contact Limiting Breaking Current	10 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	1000 – 1500 mW
Coil Power Rating DC	1300 mW
Coil Resistance	1800 Ω
Coil Special Features	UL Coil Insulation Class B



Coil Voltage Rating	48 VDC
Contact Switching Load (Min)	300mA @ 12V
Contact Voltage Rating	150 VDC

Body Features

Product Weight	85 g[2.988 oz]
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Contact Features

Contact Special Features	Magnetic Blowout
Contact Arrangement	1 Form X (NO, Bridging)
Contact Current Class	5 – 10 A, 16 A
Contact Current Rating (Max)	10 A
Contact Material	AgCdO
Contact Number of Poles	1
Terminal Type	Quick Connect, Solder

Mechanical Attachment

Relay Mounting Type	Socket
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Dimensions

Length Class (Mechanical)	35 – 40 mm
Height Class (Mechanical)	40 – 50 mm
Width Class (Mechanical)	30 – 40 mm
Product Width	35.7 mm[1.405 in]
Product Length	38.9 mm[1.53 in]
Product Height	48.4 mm[1.905 in]

Usage Conditions

Environmental Ambient Temperature Class	50 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Operating Temperature Range	-45 – 70 °C

Packaging Features

Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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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 2021 (211) Candidate List Declared Against: DEC 2012 (138) SVHC > Threshold: Not Yet Reviewed
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

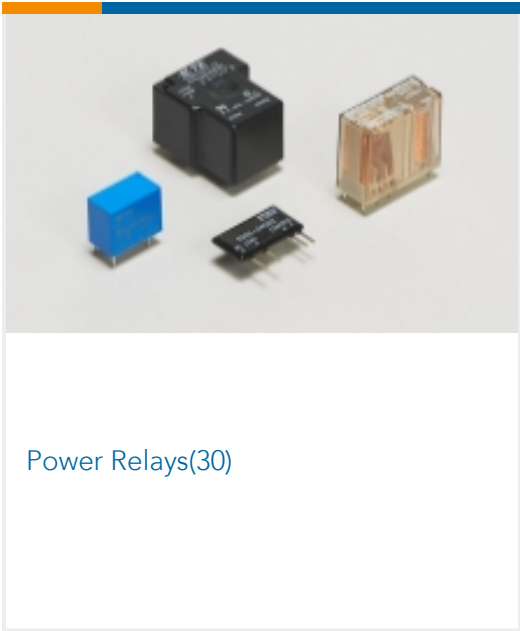
Compatible Parts



TE Part # 1393114-2

KUEP-3D15-48=KU

Also in the Series | Potter & Brumfield KUEP



Customers Also Bought



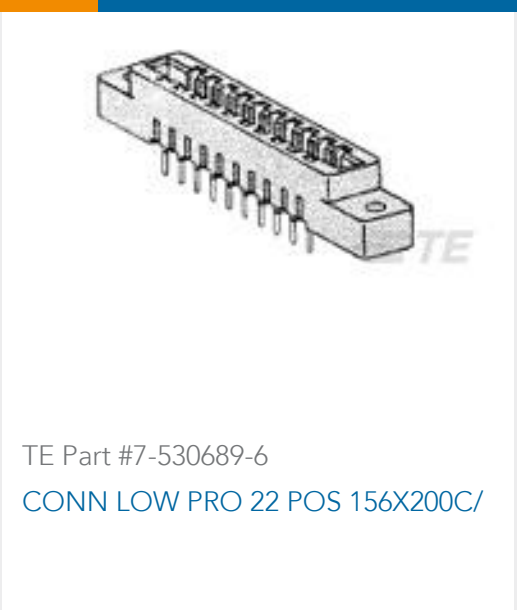
TE Part #5352069-9
HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



TE Part #770055-1
12P UMNL II CAP-FRONT 94VO



TE Part #770057-1
15P UMNL II CAP-FRONT 94VO



TE Part #7-530689-6
CONN LOW PRO 22 POS 156X200C/



TE Part #1408341-1
QMA 4 HOLE FLANGE MT JACK - ST



TE Part #1393114-3
KUEP-3D17-12=KU



TE Part #1776297-2
TSB5000231=EUROPA TRM BLK,10MM



TE Part #YDTS20Z09-98SNV001
D38999: Square Flange, 09-98 insert



TE Part #3-87456-3
38 MODIV HSG COMP DR .100CL



TE Part #5227820-1
TNC PCB VERT

Documents

- CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393114-4_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1393114-4_D.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1393114-4_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Industrial Relays Quick Reference Guide

English

KUEP Series Relay Datasheet

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

Product Specifications

Definitions, Handling, Processing, Testing and Use of Relays

English