

DS11-1000 = DS11 SOLID STATE D ✓ ACTIVE

CII | Kilovac DP11

TE Part # 1617069-1

TE Internal #: DS11-1000

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Relays, Contactors & Switches > Relays > Power Relays

Power Relay Type: **Solid State**

Relay Mounting Type: **Printed Circuit Board**

Features

Product Type Features

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

Electrical Characteristics

| | |
|-------------------------------------------------------|---------------------|
| Vibration | 100G's, 10 – 3000Hz |
| Output Voltage Rating (DC Relays) | 60 VDC |
| Shock | 50G's, 11ms |
| Insulation Initial Dielectric Between Contacts & Coil | 1000 Vrms |
| Output Current Rating | 2 A |
| Input Voltage | 3.8 – 32 VDC |

Body Features

| | |
|-----------------|------------|
| Packaging Style | 14-Pin DIP |
|-----------------|------------|

Termination Features

| | |
|------------------------|--------------|
| Relay Termination Type | Through Hole |
|------------------------|--------------|

Mechanical Attachment

| | |
|---------------------|-----------------------|
| Relay Mounting Type | Printed Circuit Board |
|---------------------|-----------------------|

Dimensions

| | |
|--------------------------------------|---------------------------------------------|
| Dimensions (L x W x H) (Approximate) | 22.6 x 13.46 x 4.82 mm [.89 x .53 x .19 in] |
|--------------------------------------|---------------------------------------------|

Usage Conditions

| | |
|-----------------------------|--------------|
| Operating Temperature Range | -55 – 105 °C |
|-----------------------------|--------------|

Operation/Application

| | |
|---------------------------|----|
| R-Switch & slimSSR Relays | No |
|---------------------------|----|



Product Compliance

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

| | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU | Not 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 2019 (197) Candidate List Declared Against: JAN 2018 (181) |
| 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 |

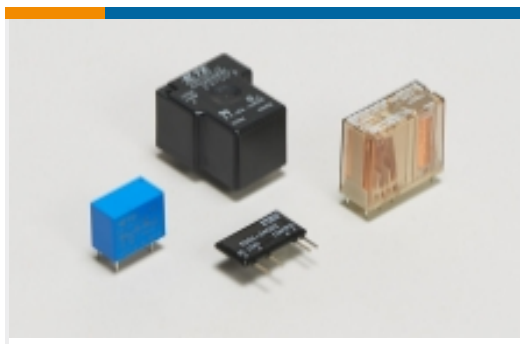
Product Compliance Disclaimer

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 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 # 1617069-2 DS11-1002 = DS11 SOLID STATE D | TE Part # 1-1617069-0 DS9-1W=DS9 DIP SOLID STATE RELAY |
|-------------------------------------------------------|-----------------------------------------------------------|

Also in the Series | **Kilovac DP11**



Power Relays(5)

Customers Also Bought



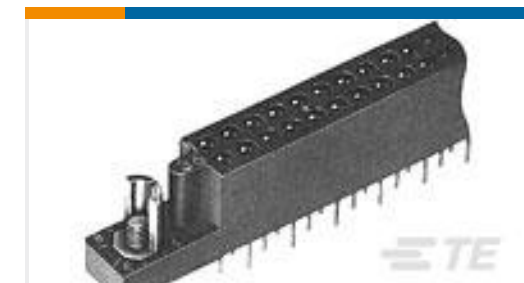
TE Part #521384-8
ASSY PL R/A RAST5
HEADER 08-D



TE Part #1-531721-3
2 ROW BOX PIN 140 POS
R/A



TE Part #2102098-2
Fortis Zd 2Pr 20Col Vert
Cent Mod Assy



TE Part #2-530340-2
2 ROW BOX RECP 140
POS STAG



TE Part #2102093-2
Fortis Zd 2Pr 10Col Vert
Cent Mod Assy



TE Part #8-1617542-7
JMGAPD-6L=M39016/18-
026L



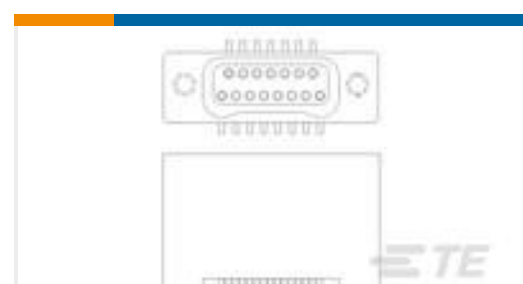
TE Part #2-1437538-2
832-AG11D=SOCKET
ASSY



TE Part #626177-000
D-704-0062



TE Part #2-1617146-0
JMGACD-6M = M39016
/18-032M



TE Part #1589486-8
STM065L84IQ = SMT
CONN

Documents

Datasheets & Catalog Pages

[5-1773450-5_sec10_DS11](#)

English

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