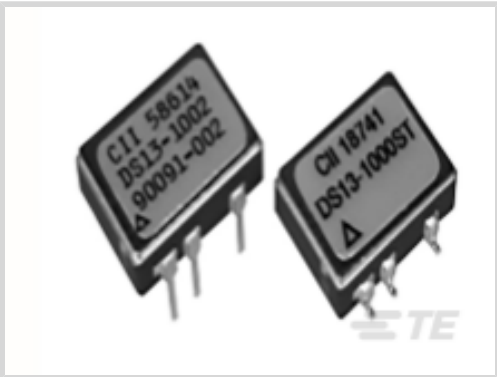




Relays, Contactors & Switches > Relays > Power Relays



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	1500G's, .5ms
Insulation Initial Dielectric Between Contacts & Coil	1000 Vrms
Output Current Rating	2 A
Input Voltage	3.8 – 32 VDC

Body Features

Packaging Style	8-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)	14.22 x 10.16 x 3.94 mm, 14.22 x 11.05 x 3.94 mm[.56 x .4 x .155 in][.56 x .435 x .155 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 2019 (197)
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

DS13-1000 = RELAY

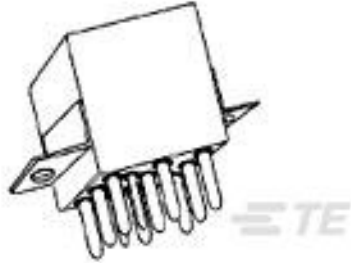
TE Part # 1617069-7
TE Internal #: DS13-1000



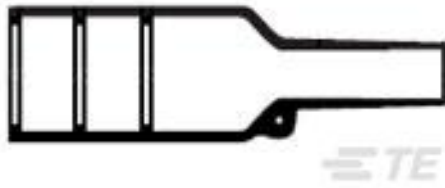


TE Part # 1617069-9
DS13-1002 = DS13 SOLID
STATE D

Customers Also Bought



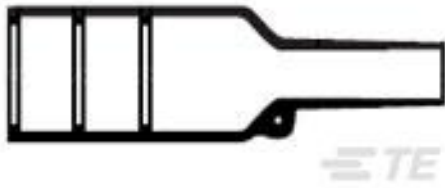
TE Part #4-1617753-9
FCA-325-BZ3



TE Part #878915-000
202K153-4/42-0



TE Part #2-1617150-3
JMGSCDD-26MW =
M39016/43-054M



TE Part #879418-000
202K163-4/42-0



TE Part #1616056-7
A400F=CONTACTOR-
CONTINUOUS DUT



TE Part #1-1617110-2
JMGST-18M = M28776/7-
005M



TE Part #1617129-4
JMSP-26XP = M39016/11-
024P



TE Part #538873-000
TXR54AB00-1404BIS



TE Part #641453-000
TXR54AC00-2008AI



TE Part #388057-000
TXR54AC00-2216AI

Documents

Datasheets & Catalog Pages
[5-1773450-5_sec10_DS13](#)
English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[DS13-1000](#)