

DS9-1W=DS9 DIP SOLID STATE RELAY ✓ ACTIVE

CII | Kilovac DS9 Series

TE Part # 1-1617069-0

TE Internal #: DS9-1W

[View on TE.com >](#)



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	AC
Screening Level	W
Power Relay Type	Solid State

Electrical Characteristics

Output Voltage Rating (AC Relays)	250 Vrms
Vibration	20G's, 10 – 2000Hz
Shock	1500G's, .5ms
Insulation Initial Dielectric Between Contacts & Coil	1500 Vrms
Output Current Rating	2 A

Body Features

Packaging Style	DIP
-----------------	-----

Termination Features

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

Mechanical Attachment

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

Dimensions

Dimensions (L x W x H) (Approximate)	22.606 x 12.954 x 4.826 mm [.89 x .51 x .19 in]
--------------------------------------	---

Usage Conditions

Operating Temperature Range	-55 – 110 °C
-----------------------------	--------------

Operation/Application

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



Product Compliance

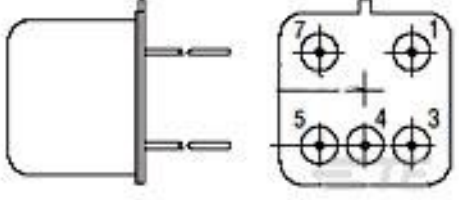
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Yet Reviewed
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月 (197) SvHCs候选清单的声明更新至: 2019年1月 (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

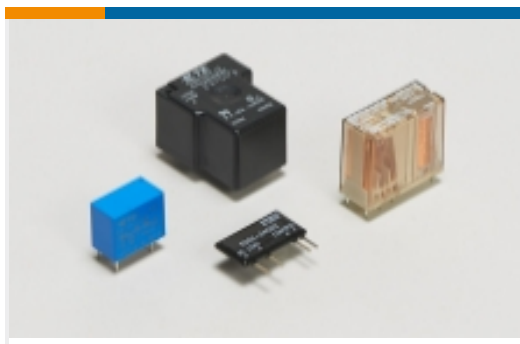
Product Compliance Disclaimer

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

<p>TE Part # 1617069-1 DS11-1000 = DS11 SOLID STATE D</p>	 <p>TE Part # 1-1617069-6 MS14-2Y = MS14 SOLID STATE DIP</p>
---	--

Also in the Series | Kilovac DS9 Series



Power Relays(1)

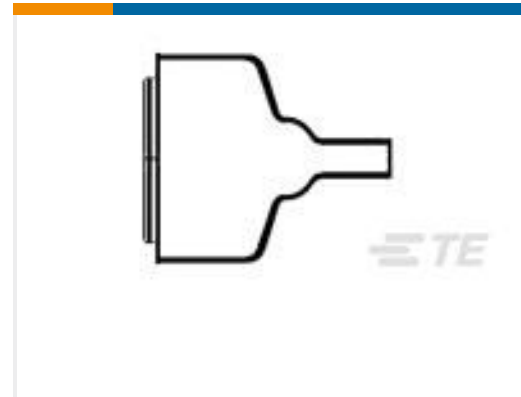
Customers Also Bought



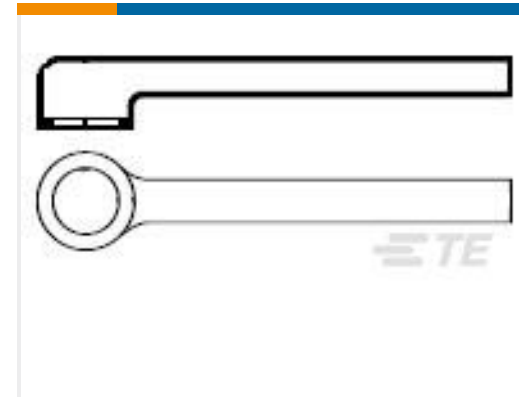
TE Part #8-1614972-6
CPF 1206 715R 0.1%
25PPM 1K RL



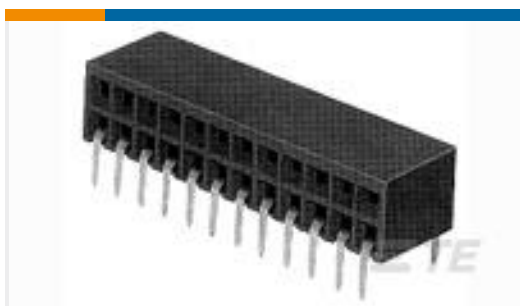
TE Part #808853N001
202D242-3-61/42-0-CS5077



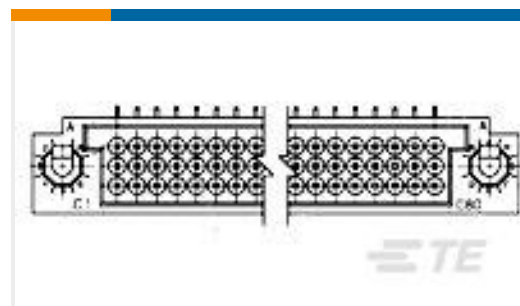
TE Part #808645-000
214A321-4-02/42-0



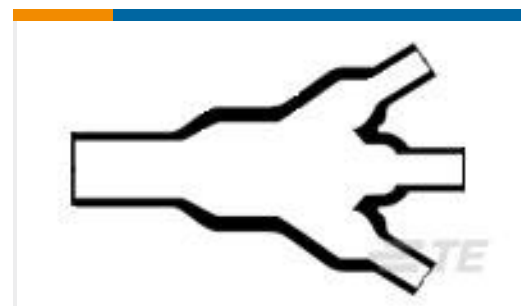
TE Part #388816-000
222F242-71-0



TE Part #3-87964-5
MOD II DBL ROW RECP
ASSY



TE Part #446852-8
3 ROW BOX PIN 240P R/A
SEALED



TE Part #148468-000
462A034-3/86-0



TE Part #862514-1
LGH-1/2 MLD. END,
BOOT KIT



TE Part #
YACT26MJ29HNV00100
STRAIGHT PLUG



TE Part #CX4639-000
302A821-4/180-0

Documents

Datasheets & Catalog Pages

[5-1773450-5_sec10_JDS9](#)

English

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Solid State Relays - PCB Mount](#) category:

Click to view products by [TE Connectivity](#) manufacturer:

Other Similar products are found below :

[M86F-2W](#) [M90F-2W](#) [G2-1A07-ST](#) [G2-1A07-TT](#) [G2-1B02-TT](#) [G2-DA06-ST](#) [G3CN-202PL-3-US DC12](#) [G3CN-203P DC3-28](#)
[G3RDX02SNUSDC12](#) [PLA134S](#) [DMP6202A](#) [DS11-1005](#) [AQ3A2-ZT432VDC](#) [AQV212J](#) [AQV214SD02](#) [AQV252GAJ](#) [AQW414EA](#)
[AQY221R2SJ](#) [EFR1200480A150](#) [LCA220](#) [LCB110S](#) [1618400-5](#) [SR75-1ST](#) [AQV212AJ](#) [AQV238AD01](#) [AQV252GAXJ](#) [AQW414TS](#)
[AQY210SXT](#) [AQY212ST](#) [AQY221N2V1YJ](#) [AQY275AXJ](#) [G2-1A02-ST](#) [G2-1A02-TT](#) [G2-1A03-ST](#) [G2-1A03-TT](#) [G2-1A05-ST](#) [G2-1A06-](#)
[TT](#) [G2-1A23-TT](#) [G2-1B01-ST](#) [G2-1B01-TT](#) [G2-1B02-ST](#) [G2-DA03-ST](#) [G2-DA03-TT](#) [G2-DA06-TT](#) [G3M-203PL-UTU-1 DC24](#)
[CPC2330N](#) [3-1617776-2](#) [CTA2425](#) [TS190](#) [LBB110S](#)