

SSRA-240D2R ✓ ACTIVE

Potter & Brumfield | Potter & Brumfield SSRA

TE Internal #: 5-1393030-7

DC Input Solid State Relay, 1 Form A SPST-NO, 4 – 10 VDC Input, 12 – 280 Vrms Output, 12 – 280 VDC Output, AC Output, Potter & Brumfield SSRA

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Relays & Contactors > Solid State Relays > Solid State Relays, P&B SSRA Series



Contact Arrangement: 1 Form A SPST-NO

Input Current Type: DC

Input Voltage: 4 – 10 VDC

Output Voltage Rating: 12 – 280 VDC

[All Solid State Relays, P&B SSRA Series \(2\)](#)

Features

Configuration Features

Contact Arrangement	1 Form A SPST-NO
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Electrical Characteristics

Insulation Initial Dielectric Between Contacts & Coil	2500 Vrms
Input Voltage	4 – 10 VDC
Output Voltage Rating	12 – 280 VDC

Body Features

Device Package Style	SIP
Primary Product Color	Black
Product Weight	4.3 g[.15 oz]

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment



Product Mount Type	Board Mount
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Dimensions

Product Length	24.1 mm[.948 in]
Product Width	5.1 mm[.2 in]
Product Height	12.7 mm[.5 in]

Usage Conditions

Operating Temperature Range	-30 – 80 °C[-22 – 176 °F]
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Operation/Application

Input Current Type	DC
Output Switching	Random
Output Current Type	AC

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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: TBBPA (10% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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>

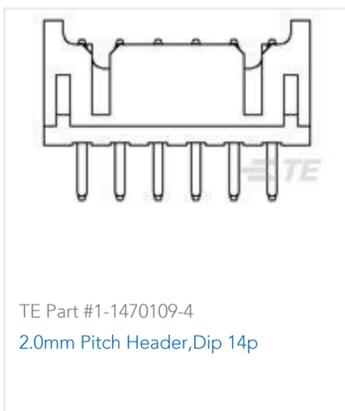
Compatible Parts



Also in the Series | Potter & Brumfield SSRA



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1393030-7_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1393030-7_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1393030-7_A1.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[8-1773454-1 SSRA Series 2A SIP Solid State Relay Data Sheet](#)

English

[SSRA_datasheet](#)

English

Agency Approvals

[UL](#)

English