



Relays & Contactors > Relays > Power Relays > Solid State Relays, P&B SSRC Series



Relay Type: **Solid State**
Contact Arrangement: **1 Form A (SPST-NO)**
Product Mount Type: **Printed Circuit Board**
Relay Connection Type: **PCB Termination**
Terminal Configuration: **Solder Pins**

[All Solid State Relays, P&B SSRC Series \(4\)](#)

Features

Product Type Features

Relay Type	Solid State
------------	-------------

Configuration Features

Contact Arrangement	1 Form A (SPST-NO)
---------------------	--------------------

Electrical Characteristics

Output Voltage Rating (AC Relays)	12 - 280 Vrms
Output Current Rating	.06 - 5 Arms
Output Voltage (Max)	280 V
Output Voltage Rating (DC Relays)	12 - 280 VDC
Output Current (Min)	.06 A
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Input Voltage	3 - 15 VDC

Body Features

Device Package Style	SIP
----------------------	-----



Primary Product Color	Black
Product Weight	11 g[.4 oz]

Termination Features

Relay Connection Type	PCB Termination
Terminal Configuration	Solder Pins

Mechanical Attachment

Product Mount Type	Printed Circuit Board
--------------------	-----------------------

Dimensions

Product Width	7.6 mm[.3 in]
Product Length	43.1 mm[1.7 in]
Product Height	25.4 mm[1 in]

Usage Conditions

Operating Temperature Range	-30 - 80 °C
-----------------------------	-------------

Operation/Application

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	Not Yet Reviewed
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: TBBPA (10% in Component Part) 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, I < 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

TE Part # 5-1393030-8
SSRC-240D5 = SIP MODULE,5A,240V AC

TE Part # 6-1393030-4
SSRF-240D25R=SIP MDLE,25A, 240VAC,R-INT H

Also in the Series | Potter & Brumfield SSRC

Power Relays(4)

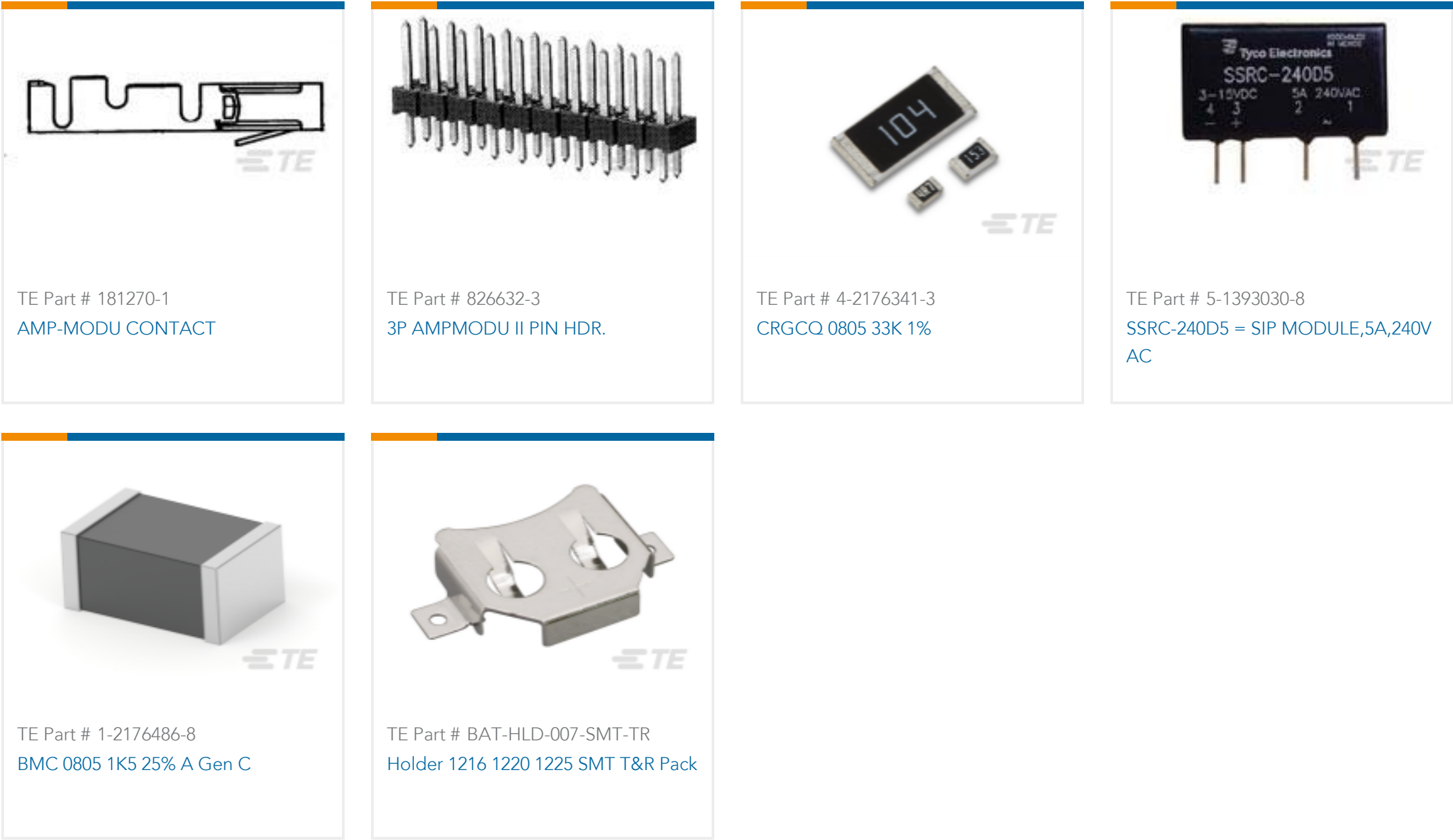
Customers Also Bought

TE Part # 350712-1
09P UMNL PIN HDR ASSY 94VO

TE Part # 350789-3
03P UMNL PIN HDR ASSY 94VO

TE Part # 826632-5
5P AMPMODU II PIN HDR

TE Part # 3-794618-2
02P MICRO MNL ASSY R/A HDR LF



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_6-1393030-0_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1393030-0_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_6-1393030-0_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

Solid State Relay SSRC Series Data Sheet

English

SSRC_Datasheet

English

Agency Approvals

UL

English