FN2200-50-34 ✔ ACTIVE

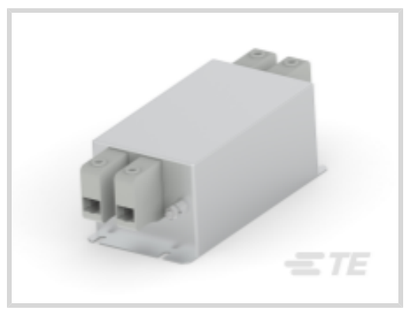
Schaffner | Schaffner FN2200

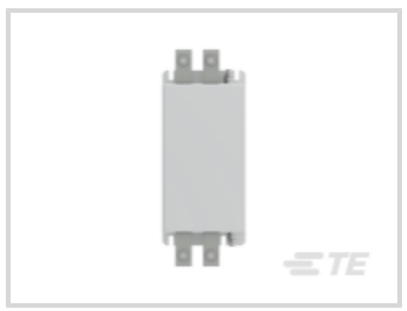
TE Internal #: 803481-SF

50 A DC Filter, 1200 VDC, Terminal Block Input, Terminal Block Output, Schaffner FN2200

View on TE.com >

EMI & EMC Solutions > EMC Filters > Power Line Filters > DC Filters > High-Performance EMC/RFI Filter for PV Inverters, Up to 2300 A







Current Rating: **50 A**

Operating Voltage: **1200 VDC**

Input Termination Type: **Terminal Block**

Output Termination Type: **Terminal Block**

All High-Performance EMC/RFI Filter for PV Inverters, Up to 2300 A (24)

Features

Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	Terminal Block
Output Termination Type	Terminal Block

Electrical Characteristics

Overvoltage Category	II
Current Rating	50 A
Operating Voltage	1200 VDC

Body Features

Product Weight	1.6 kg[3.527 lb]

Mechanical Attachment

Product Mount Type	Chassis Mount

Dimensions

Product Width	95 mm[3.74 in]

Product Length	200 mm[7.87 in]
Product Height	80 mm[3.14 in]

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]

Operation/Application

Cooling Method	Natural Convection

Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-2
Pollution Degree	PD2
Certified To	CSA 22.2 No. 8 1986, IEC/EN 60939, UL 1283

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	未针对中国 RoHS 符合性进行审核 Not reviewed for China RoHS compliance
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

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 # CAT-P99-F2200
High-Performance EMC/RFI Filter for PV Inverters, Up to 2300 A

Also in the Series | Schaffner FN2200



DC Filters(24)

Customers Also Bought



TE Part #803496-SF
FN2200-25-33



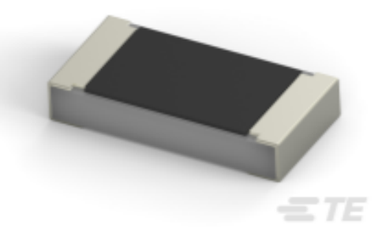
TE Part #5-534206-2
04 MODII VRT DR CE 100/115



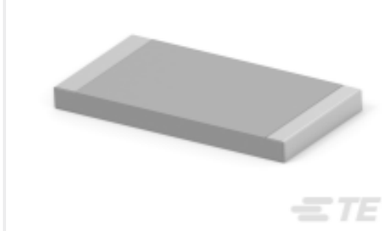
TE Part #5-1609998-3
KEV 42A 2S SP WYE BS 520VAC



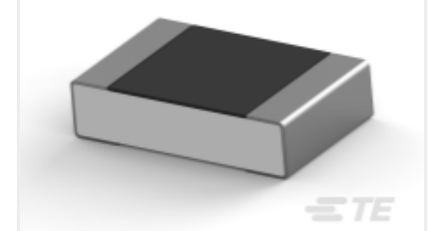
TE Part #2-1614884-4
CPF 0805 20R 0.1% 25PPM 1K RL



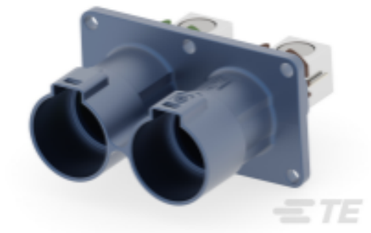
TE Part #1614958-2
CPF 0805 1R0 0.1% 25ppm 1K RL



TE Part #3-2176331-5
CRGP 2512 6K8 1%



TE Part #9-2176380-1
RQ 0805 10K 0.1% 10PPM 5K RL



TE Part #2399607-3
2POS,HVP1400,ASSY,180DEG,COD E /F

TE Part #K1041920
Contact Pin D 1,57 L=23 Cri 08-80-446

TE Part #6-1532166-6
094-4105-9003=MCK-N1-X1-9PRT1

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_803481-SF_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_803481-SF_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_803481-SF_D.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

DC Filter FN2200

English

Agency Approvals

Intertek SE-ENEC-2200824

English