

FN2200-150-40 ✓ ACTIVE

Schaffner | Schaffner FN2200

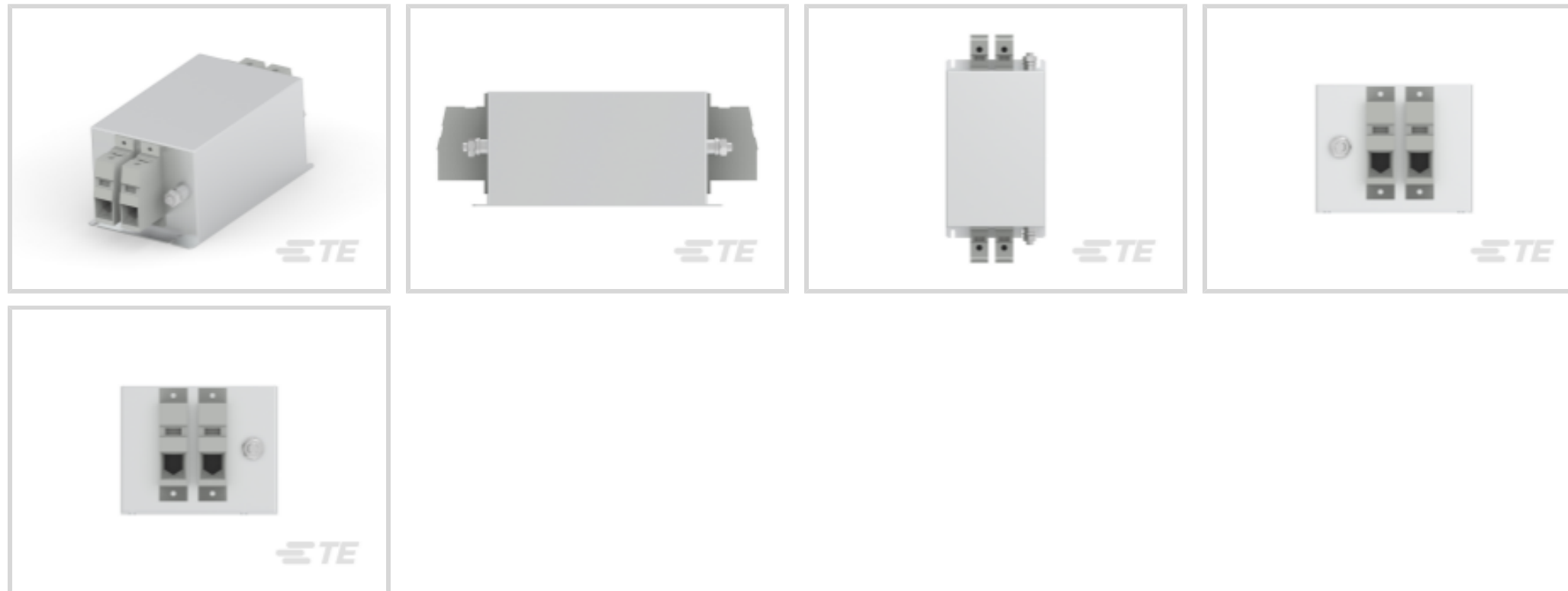
TE Internal #: 803484-SF

150 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: 150 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	150 A
Operating Voltage	1200 VDC

### Body Features

Product Weight	4.9 kg[10.803 lb]
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### Mechanical Attachment

Product Mount Type	Chassis Mount
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### Dimensions

Product Width	140 mm[5.51 in]
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Product Length	250 mm[9.84 in]
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Product Height	115 mm[4.52 in]
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### Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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### Operation/Application

Cooling Method	Natural Convection
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### Industry Standards

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

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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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
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Not Yet Reviewed
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Halogen Content	Not Yet Reviewed for halogen content
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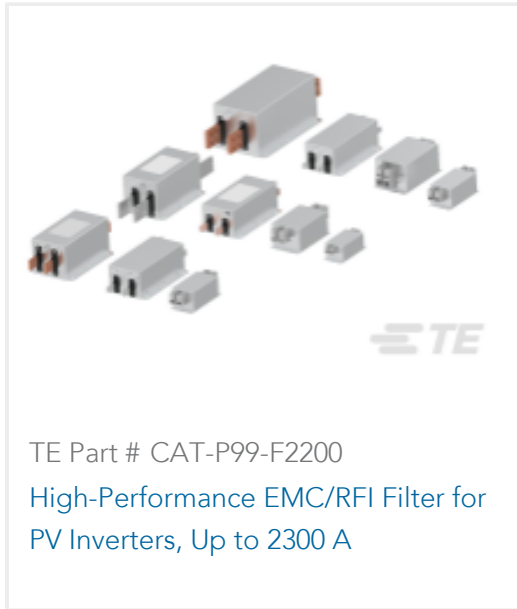
Solder Process Capability	Not reviewed for solder process capability
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#### Product Compliance Disclaimer

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 #803516-SF  
FN2200B-150-40



TE Part #801926-SF  
FN3270H-250-99



TE Part #F670223001  
RAY-90-10.0(100)



TE Part #42802-1  
250 FASTON TAB TPBR



TE Part #3-794680-8  
08P MICRO MNL ASSY,VRT,THRU LF



TE Part #1-1393127-6  
PRD-11AH0-120=PRD



TE Part #1-1879215-4  
CPF 0402 5K49 0.1% 25PPM 1K RL



TE Part #4-2176412-2  
5W XSM M/OX 5% 270R



## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_803484-SF\\_D.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_803484-SF\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_803484-SF\\_D.3d\\_igs.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