

FN2200B-150-40

✓ ACTIVE

Schaffner | Schaffner FN2200

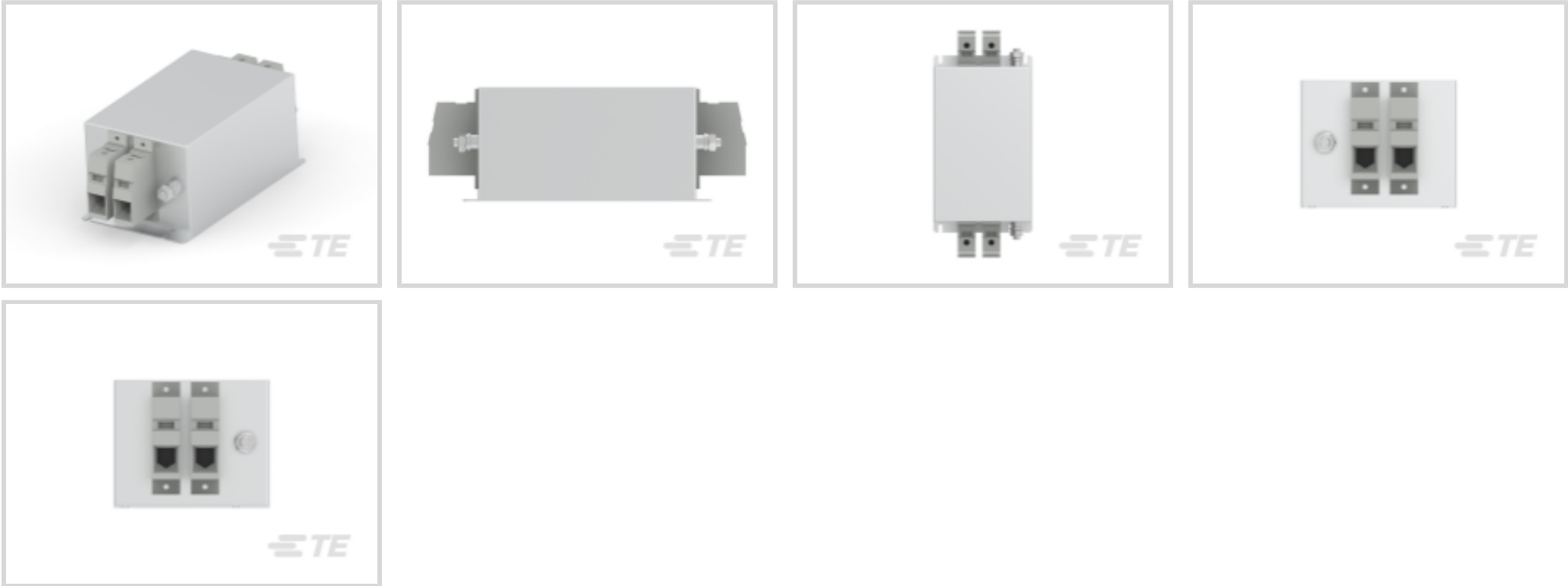
TE Internal #: 803516-SF

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]
----------------	-------------------

Mechanical Attachment

Product Mount Type	Chassis Mount
--------------------	---------------

Dimensions

Product Width	140 mm[5.51 in]
---------------	-----------------



Product Length	250 mm[9.84 in]
Product Height	115 mm[4.52 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) Not Yet Reviewed
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 # 822428-SF
FN2220-150-99-C2222-R99



TE Part # 803484-SF
FN2200-150-40

Also in the Series | Schaffner FN2200



DC Filters(24)

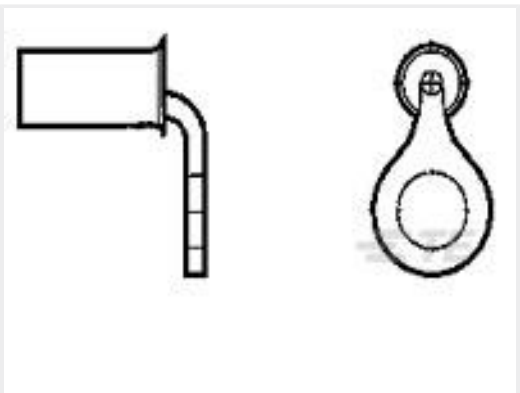
Customers Also Bought



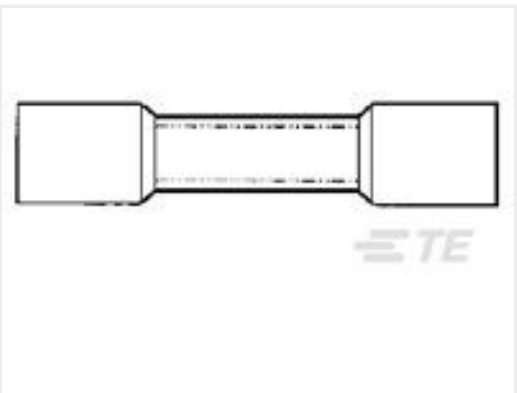
TE Part #0662-207-1631L
CONT SOC ASSY



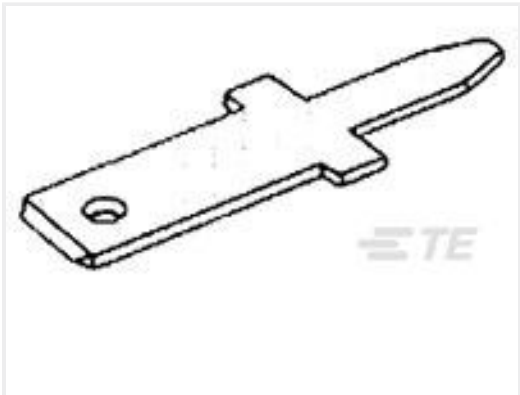
TE Part #NB11622001
ATUM-6/2-0-MS-STK



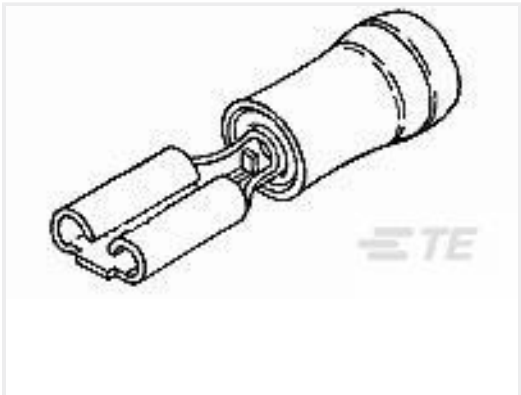
TE Part #54725-1
TERMINAL R 90 DEG PG 8 1/4



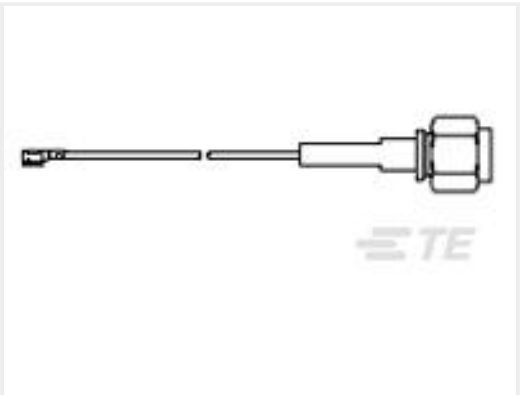
TE Part #8-55845-5
#8 PRE-INSUL SEALED SPLICE



TE Part #62395-1
110 FASTON TAB TPBR



TE Part #165565-1
2,8 PIDG FASTON REC



TE Part #2032439-1
RF CA,UMCC1 TO SMA PLUG,1.37
MM,L200MM



TE Part #1-2176329-3
CRGP 1210 100R 1%



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_803516-SF_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_803516-SF_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_803516-SF_D.3d_igs.zip](#)

English

3D PDF

3D

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