FN2210-250-99-R5 ✔ ACTIVE

Schaffner | Schaffner FN2210

TE Internal #: 814324-SF

250 A DC Filter, 1000 VDC, Busbar Input, Busbar Output, Schaffner FN2210

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EMI & EMC Solutions > EMC Filters > Power Line Filters > DC Filters > Compact High-Current DC EMC/RFI Filter for Solar Applications







Current Rating: **250 A**

Operating Voltage: **1000 VDC**

Input Termination Type: **Busbar**

Output Termination Type: **Busbar**

All Compact High-Current DC EMC/RFI Filter for Solar Applications (12)

Features

Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	Busbar
Output Termination Type	Busbar

Electrical Characteristics

Overvoltage Category	II
Current Rating	250 A
Operating Voltage	1000 VDC

Body Features

Product Weight	2.36 kg[5.203 lb]

Mechanical Attachment

Product Mount Type	Chassis Mount

Dimensions

Product Width	145 mm[5.7 in]

Product Length	205 mm[8.07 in]
Product Height	95 mm[3.74 in]

Usage Conditions

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

Operation/Application

Cooling Method	Natural Convection

Industry Standards

IP Rating	IP00
UL Flammability Rating	UL 94V-0
Pollution Degree	PD2
Certified To	CSA 22.2 No. 8 1986, EN 60721-3, EN 62109, IEC/EN 60939, UL 1283

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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 # 803517-SF
FN2200B-250-99



TE Part # 815676-SF
FN2210HV-250-99-R9

Also in the Series | Schaffner FN2210



DC Filters(12)

Customers Also Bought



TE Part #CAT-D48-SFT273
DEUTSCH Connector Stamped and Formed Contacts - Reel



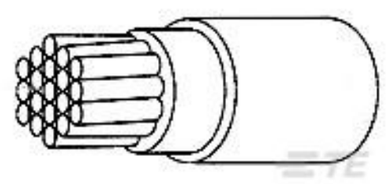
TE Part #DT06-12SA
PLG, 12P, GRY, N, A



TE Part #CAT-352-H350
Efficient Integration: HPC 350A Connector for BESS Applications



TE Part #CAT-J41-DDFRC
DEUTSCH DT Flange Receptacle Connector



TE Part #5309113001
99M0111-12-45

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_814324-SF_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_814324-SF_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_814324-SF_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

DC Filter FN2211 and FN2210

English

Agency Approvals

UL

English