FN2640-20-103-C11 ✔ ACTIVE

Schaffner | Schaffner FN2640

TE Internal #: 821786-SF

20 A, Unfiltered, 370 µA Leakage Current @ 250VAC, 50Hz, Terminal Block, 210 µA Leakage Current @ 120VAC, 60Hz, Schaffner FN2640, Inlet Filters

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EMI & EMC Solutions > IEC Inlets > Inlet Filters > IEC Inlet Filters FN2640, Low-Profile, High-Performance EMC Inlet Filters



Filtering Requirements: **Unfiltered**

Current Rating (Max): **20 A**

Output Termination Type: **Terminal Block**

Pollution Degree: **PD2**

IP Rating: **IP00**

All IEC Inlet Filters FN2640, Low-Profile, High-Performance EMC Inlet Filters (17)

Features

Product Type Features

Filter Type	IEC Inlet Filter
Level Of Filtering	Inductor & Capacitor
Filtering Requirements	Unfiltered
Output Termination Type	Terminal Block

Electrical Characteristics

Capacitance Cy1	4.7
Inductance L1	2.4 µH
Capacitance Cx1	1
Capacitance Cx2	.47
Electrical Resistance to Ground	680 kΩ
Overvoltage Category	II
Current Rating (Max)	20 A
Leakage Current (Max) (120VAC, 60Hz)	210 µA
Leakage Current (Max) (250VAC, 50Hz)	370 µA

Body Features

Product Weight	320 g[11.28 oz]

Dimensions

Product Width	59 mm[2.32 in]
Product Length	133 mm[5.23 in]
Product Height	35 mm[1.37 in]

Operation/Application

Cooling Method	Natural Convection
Operating Altitude (Max)	2000 m

Industry Standards

Certified To	GB/T 15287, IEC/EN 60939, UL 60939-3
Pollution Degree	PD2
IP Rating	IP00
UL Flammability Rating	UL 94V-0

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 # 821821-SF
FN2520-20-05-C1111



TE Part # 816597-SF
IL13-US2-SJT-3130-300-S

Also in the Series | Schaffner FN2640



Inlet Filters(17)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #DT04-2P
REC, 2P, GRY, N



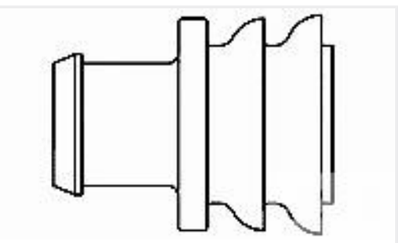
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_821786-SF_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_821786-SF_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_821786-SF_D.3d_stp.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages

IEC Inlet Filters FN2640

English

Agency Approvals

CB_Cert_SE-108631

English