FN9280-10-06 ✔ ACTIVE

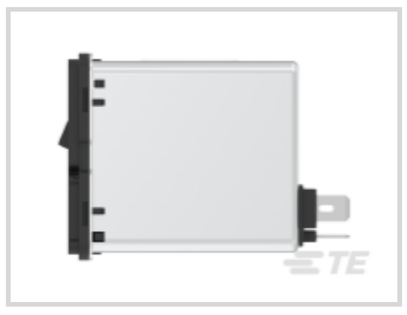
Schaffner | Schaffner FN9280

TE Internal #: 812339-SF

10 A, Filtered, 180 µA Leakage Current @ 250VAC, 50Hz, FASTON, 310 µA Leakage Current @ 120VAC, 60Hz, Schaffner FN9280, Inlet Filters

View on TE.com >

EMI & EMC Solutions > IEC Inlets > Inlet Filters > FN9280 Power Entry Module with EMC Filter – Ultra-Compact and Versatile Design




Filtering Requirements: **Filtered**

Current Rating (Max): **10 A**

Output Termination Type: **FASTON**

Pollution Degree: **PD2**

IP Rating: **IP40**

All FN9280 Power Entry Module with EMC Filter – Ultra-Compact and Versatile Design (82)

Features

Product Type Features

Level Of Filtering	Inductor & Capacitor
Filter Switch Type	DPST
Filtering Requirements	Filtered
Output Termination Type	FASTON
Ground Choke Option	No

Configuration Features

Fuse Options	Dual

Electrical Characteristics

Capacitance Cy1	2.2
Capacitance Cy2	2.2
Inductance L1	.32 µH
Capacitance Cx1	220

Overvoltage Category	II
Current Rating (Max)	10 A
Leakage Current (Max) (120VAC, 60Hz)	310 µA
Leakage Current (Max) (250VAC, 50Hz)	180 µA

Body Features

	3.73 oz

Dimensions

Product Width	49.8 mm[1.96 in]
Product Length	32 mm[1.25 in]
Product Height	55.6 mm[2.18 in]

Operation/Application

Cooling Method	Natural Convection

Industry Standards

Certified To	CSA 22.2 No. 8 1986, EN 60320, EN 60601-1, EN 60939, EN 60950, UL 1283, UL 544
Pollution Degree	PD2
IP Rating	IP40
UL Flammability Rating	UL 94V-2

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	Compliant with Exemptions
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 # 816597-SF
IL13-US2-SJT-3130-300-S

Also in the Series | Schaffner FN9280



Inlet Filters(82)

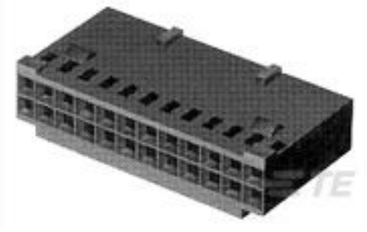


Medical Inlet Filters(82)

Customers Also Bought



TE Part #ADP-NF-NF-B-W
N Type Jack to N Type Jack Bulkhead



TE Part #1-87631-1
16 MODIV HSG COMP DR .100 POL



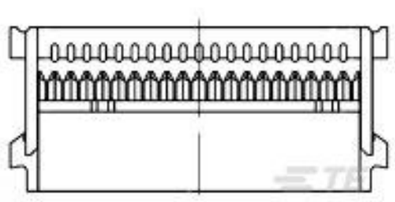
TE Part #440052-3
2.5MM,HDR,3POS,VERTICAL, CONNECTOR



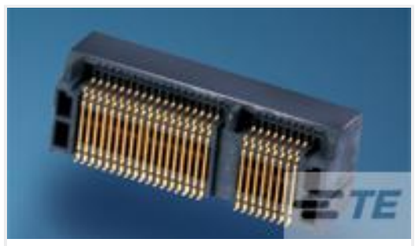
TE Part #1625958-5
HB01RE 10K 1% 100PPM



TE Part #1-1625959-5
HB03RE 20M 1% 100PPM



TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE



TE Part #1759546-1
0.8mm Mini PCI-Express 9.9 Height



TE Part #1879027-1
YR1 0.1% 523K

TE Part #2003083-F
HDOB001AY8P; PRES;0..1bara;90mV; 2.7mm

TE Part #2-1393560-9
V42254A 162V 1=SUB D SCHRAUBE

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_812339-SF_F.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_812339-SF_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_812339-SF_F.3d_igs.zip

English

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

Datasheets & Catalog Pages

Power Entry Module with EMC Filter FN9280

English

Agency Approvals

CQC14001118736

English