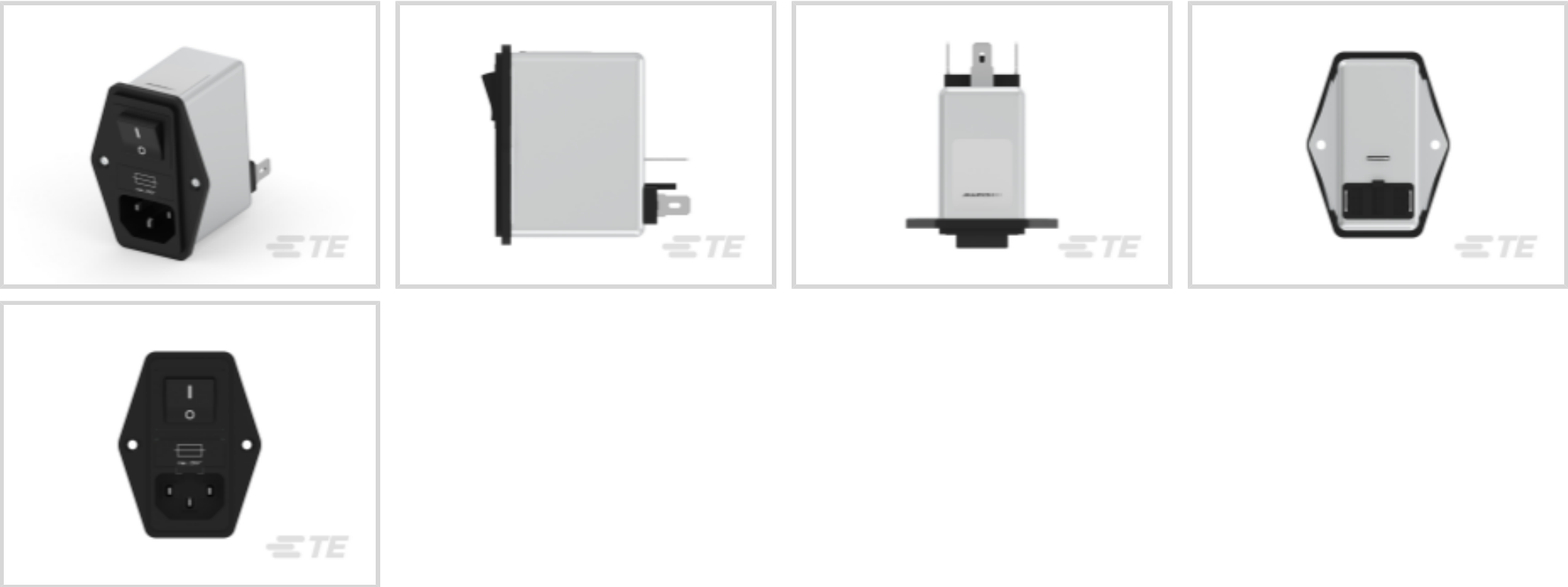




EMI & EMC Solutions > IEC Inlets > Inlet Filters > Power Entry Module with EMC Filter FN280, Compact Filtered Power Entry Solution



Filtering Requirements: **Unfiltered**

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

Output Termination Type: **FASTON**

Pollution Degree: **PD2**

IP Rating: **IP40**

[All Power Entry Module with EMC Filter FN280, Compact Filtered Power Entry Solution \(59\)](#)

Features

Product Type Features

Level Of Filtering	Inductor & Capacitor
Filter Switch Type	DPST
Filtering Requirements	Unfiltered
Output Termination Type	FASTON

Electrical Characteristics

Capacitance Cy1	2.2
Inductance L1	.34 μ H
Capacitance Cx1	220
Overvoltage Category	II
Current Rating (Max)	10 A
Leakage Current (Max) (250VAC, 50Hz)	373 μ A

Body Features

--	--



Product Weight	100 g[3.52 oz]
----------------	----------------

Dimensions

Product Width	28.5 mm[1.12 in]
Product Length	59.7 mm[2.35 in]
Product Height	48.8 mm[1.92 in]

Operation/Application

Cooling Method	Natural Convection
----------------	--------------------

Industry Standards

Certified To	CSA 22.2 No. 8 1986, IEC/EN 60939, UL 1283
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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) 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 # 816597-SF
IL13-US2-SJT-3130-300-S

TE Part # CAT-PC9-F280
Power Entry Module with EMC Filter
FN280, Compact Filtered Power Entry
Solution

Also in the Series | Schaffner FN280

Inlet Filters(59)

Medical Inlet Filters(59)

Customers Also Bought

TE Part #NB-PTCO-172
Pt100, 2.0x4.0, Class B, PTFE101B1G0

TE Part #817081-SF
FN2090LL-16-06

TE Part #801401-SF
FN282B-10-06

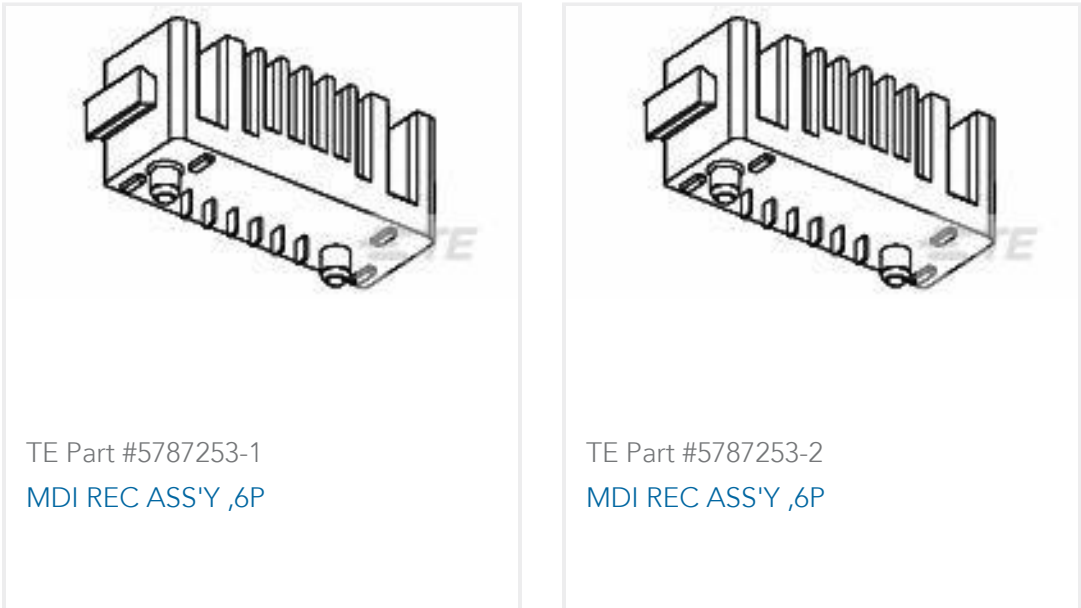
TE Part #806059-SF
FN9260-10-06

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

TE Part #1618239-7
K40P332=RELAY VACUUM SPST LATC

TE Part #1625966-6
HSA10 120R 5%

TE Part #2323802-8
SSRMP-240D16R = Mini Puck,16A,
240V AC,R



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_801129-SF_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_801129-SF_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_801129-SF_E.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

[Power Entry Module with EMC Filter FN280](#)

English

Agency Approvals

[UKCA_PEM-FNxxxx](#)

English