FN2030-20-06 ✔ ACTIVE

Schaffner | Schaffner FN2030

TE Internal #: 802435-SF

20 A Single Phase Filter, FASTON Input, FASTON Output, 250 VAC, Schaffner FN2030, Single Phase Filters

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EMI & EMC Solutions > EMC Filters > Power Line Filters > Single Phase Filters >

High Performance Single Phase Filters FN2030, General Purpose AC/DC EMC/RFI Filter with High Attenuation Performance



Current Rating: **20 A**

Input Termination Type: **FASTON**

Output Termination Type: **FASTON**

Leakage Current (Max) (120VAC, 60Hz): **.45 mA**

Leakage Current (Max) (250VAC, 50Hz): **.79 mA**

All High Performance Single Phase Filters FN2030, General Purpose AC/DC EMC/RFI Filter with High Attenuation Performance (85)

Features

Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	FASTON
Output Termination Type	FASTON

Electrical Characteristics

Capacitance Cy1	10
Inductance L1	4 µH
Capacitance Cx1	1
Overvoltage Category	II
Current Rating	20 A
Leakage Current (Max) (120VAC, 60Hz)	.45 mA
Leakage Current (Max) (250VAC, 50Hz)	.79 mA
Operating Voltage	250 VAC

Body Features

Product Weight	310 g[10.93 oz]

Mechanical Attachment

Product Mount Type	Chassis Mount

Dimensions

Product Width	49.8 mm[1.96 in]
Product Length	64.8 mm[2.55 in]
Product Height	40.3 mm[1.58 in]

Usage Conditions

Operating Temperature Range	-25 – 100 °C[-13 – 212 °F]

Operation/Application

Cooling Method	Natural Convection
Operating Altitude (Max)	2000 m

Industry Standards

IP Rating	IP00
UL Flammability Rating	UL 94V-0
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	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: JAN 2025 (247) SVHC > Threshold: 1-BUTANESULFONIC ACID, 1,1,2,2,3,3,4,4,4-NONAFLUORO-, POTASSIUM SALT (1:1) (.52% in Component part) UV-326 (.4% in Component part) UV-329 (.6% in Component part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # CAT-P97-F2030
High Performance Single Phase Filters FN2030, General Purpose AC/DC EMC /RFI Filter with High Attenuation Performance



TE Part # 801441-SF
FN2020B-20-08

Also in the Series | Schaffner FN2030



Medical Single Phase Filters(85)

Single Phase Filters(85)

Customers Also Bought



TE Part #806190-SF
FN2412-25-33

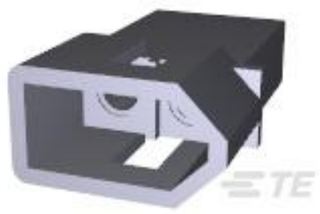
TE Part #1SNA116797R1300
SCFCV4



TE Part #322996
TERMINAL,SOLIS SPD 16-14 6



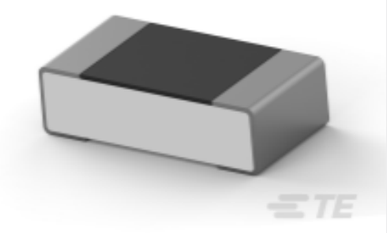
TE Part #770065-1
02P .093 COMM P&S RECPT .248CL



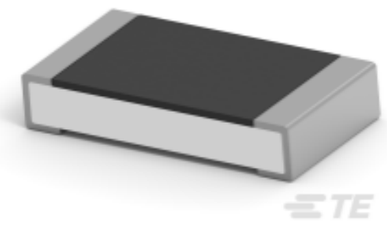
TE Part #770069-1
02P .093 COMM P&S PLUG .248CL



TE Part #4-1609037-0
20EHT1=F8368



TE Part #8-2176369-3
RQ 0603 287R 0.1% 10PPM 5K RL



TE Part #1-2176390-5
RQ 1206 1K62 0.1% 10PPM 5K RL



TE Part #1-2176507-8
CJP 200W 15R 5% Lead

TE Part #T4171110005-002
M12,REAR MOUNTING,FEMALE,A,5P, 0.5M WIRE

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_802435-SF_G.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_802435-SF_G.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_802435-SF_G.3d_stp.zip

English

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Datasheets & Catalog Pages

High Performance Single-Phase Filters FN2030

English

Agency Approvals

CB SE-82560

English