FN3840-250-99-C2835-R67 ✔ ACTIVE

Schaffner | Schaffner FN380

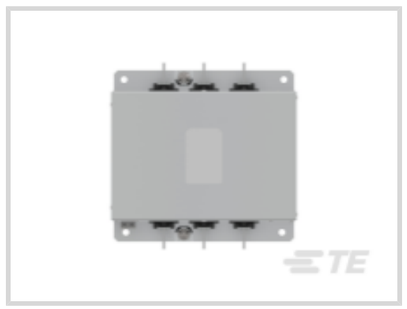
TE Internal #: 821175-SF

250 A 3-Phase Filter, Busbar Input, Busbar Output, DELTA (3 wire + ground), 530 VAC, Chassis Mount, Schaffner FN380

View on TE.com >

EMI & EMC Solutions > EMC Filters > Power Line Filters > 3-Phase Filters > FN3840







Current Rating: **250 A**

Input Termination Type: **Busbar**

Output Termination Type: **Busbar**

Wiring Configuration: **DELTA (3 wire + ground)**

Operating Voltage: **530 VAC**

All FN3840 (6)

Features

Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	Busbar
Output Termination Type	Busbar

Configuration Features

Wiring Configuration	DELTA (3 wire + ground)

Electrical Characteristics

Leakage Current (Max) (250VAC, 50Hz)	10.7 mA
Overvoltage Category	III
Current Rating	250 A
Operating Voltage	530 VAC

Body Features

Product Weight	4.3 kg[9.48 lb]

Mechanical Attachment

Product Mount Type	Chassis Mount

Dimensions

Product Width	230 mm[9.05 in]
Product Length	250 mm[9.84 in]
Product Height	140 mm[5.51 in]

Usage Conditions

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

Operation/Application

Cooling Method	Natural Convection
Operating Altitude (Max)	2000 m

Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0
Pollution Degree	PD2
Certified To	IEC 60939-3, UL 60939-3

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

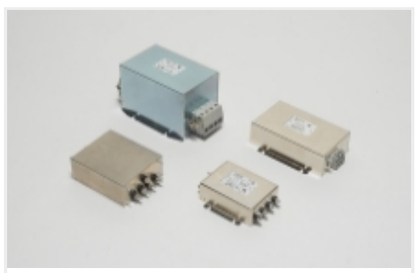
articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling 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 # 816597-SF
IL13-US2-SJT-3130-300-S

Also in the Series | Schaffner FN380



3-Phase Filters(6)

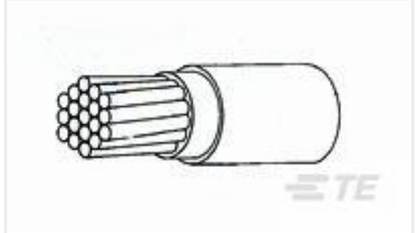


Inlet Filters(44)

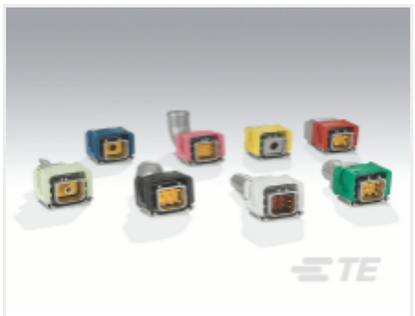


Medical Inlet Filters(44)

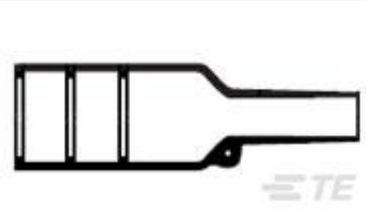
Customers Also Bought



TE Part #282049-023
44A0111-24-9



TE Part #ZPF000000000099713
DMC-MD 20 N



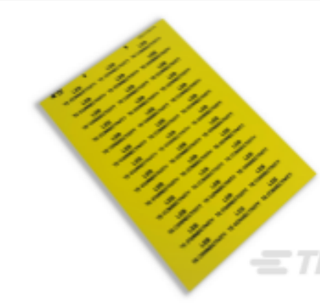
TE Part #434149-000
202K232-100/86-0



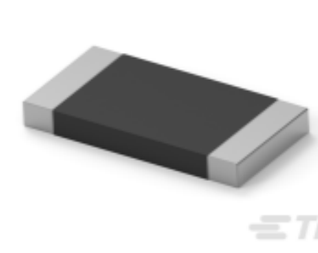
TE Part #ZPF000000000099714
DMC-MD 24 N



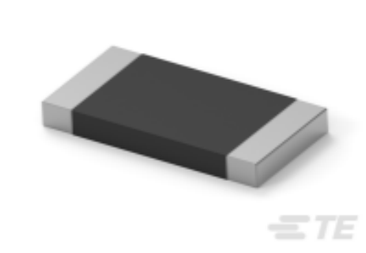
TE Part #1337772-4
50/OHM COAX BNC STR PLUG ELB P



TE Part #2-1768033-3
LEB-0818P-4



TE Part #7-2176421-5
TLRP 2512 2.0W R200 1% 50PPM 4K RL



TE Part #5-2176422-5
TLRP 2512 3.0W R012 1% 50PPM 4K RL

TE Part #ZPF000000000122442
DMC-MD 24 N-S-T



TE Part #1487593-2
USB, A-BLUNT,28/24,WHT,1.5M

Documents

Product Drawings

FN3840-250-99-C2835-R67

English

Datasheets & Catalog Pages

3-Phase Filters FN3840

English

Agency Approvals

CB SE-102900

English