



Schaffner | Schaffner FN2070

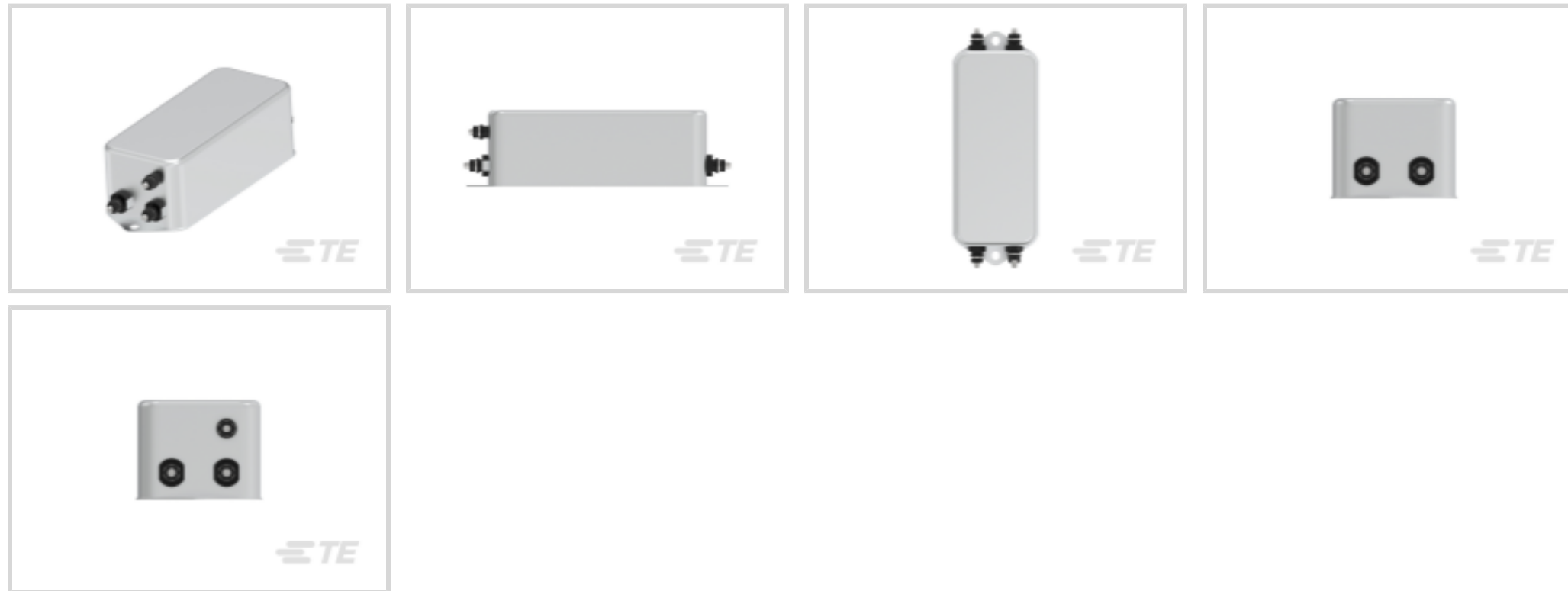
TE Internal #: 811288-SF

36 A Single Phase Filter, Threaded Stud Input, Threaded Stud Output, 250 VAC, Schaffner FN2070, Single Phase Filters

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

High Performance Single Phase Filters FN2070, Multi stage Performance AC/DC EMC/RFI Filter



Current Rating: **36 A**

Input Termination Type: **Threaded Stud**

Output Termination Type: **Threaded Stud**

Leakage Current (Max) (120VAC, 60Hz): **.04 mA**

Leakage Current (Max) (250VAC, 50Hz): **.07 mA**

[All High Performance Single Phase Filters FN2070, Multi stage Performance AC/DC EMC/RFI Filter \(49\)](#)

## Features

### Product Type Features

Filtering Requirements	Unfiltered
Input Termination Type	Threaded Stud
Output Termination Type	Threaded Stud

### Electrical Characteristics

Capacitance Cy1	.47
Inductance L1	1.23 $\mu$ H
Capacitance Cx1	2.2
Overvoltage Category	II
Current Rating	36 A
Leakage Current (Max) (120VAC, 60Hz)	.04 mA
Leakage Current (Max) (250VAC, 50Hz)	.07 mA
Operating Voltage	250 VAC

### Body Features

Product Weight	790 g[27.86 oz]
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### Mechanical Attachment

Product Mount Type	Chassis Mount
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### Dimensions

Product Width	56 mm[2.2 in]
Product Length	130.5 mm[5.13 in]
Product Height	45.4 mm[1.78 in]

### Usage Conditions

Operating Temperature Range	-25 – 100 °C[-13 – 212 °F]
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### 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
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 # CAT-P97-F2070  
High Performance Single Phase Filters  
FN2070, Multi stage Performance AC  
/DC EMC/RFI Filter

## Also in the Series | Schaffner FN2070



Medical Single Phase Filters(49)



Single Phase Filters(49)

## Customers Also Bought



TE Part #7-1393254-4  
W92-X112-25=M6/M7/M9/W6/W7



TE Part #7-5179180-5  
0.8FH,R09H.5,120,30/Sn,TR,SC



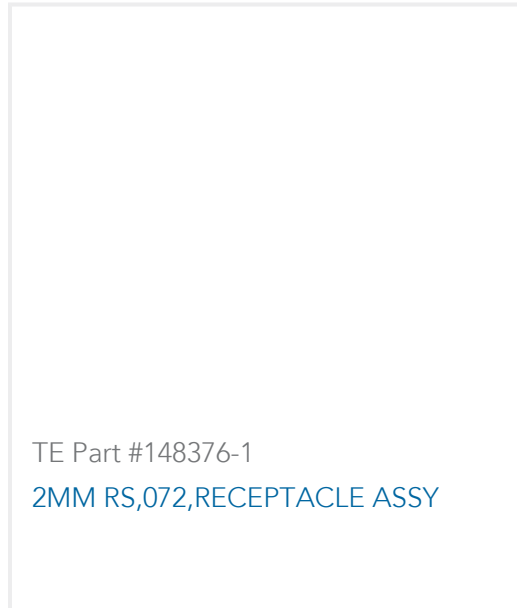
TE Part #5413879-1  
JACK ASSY,RTANG,BNC



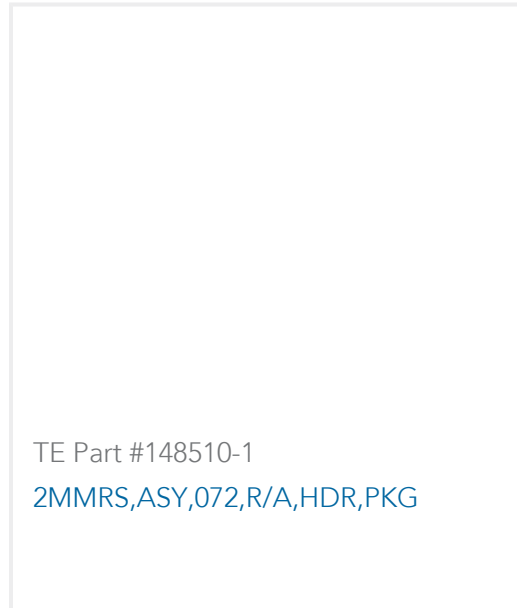
TE Part #6609049-1  
3VQ1=F7265 S0



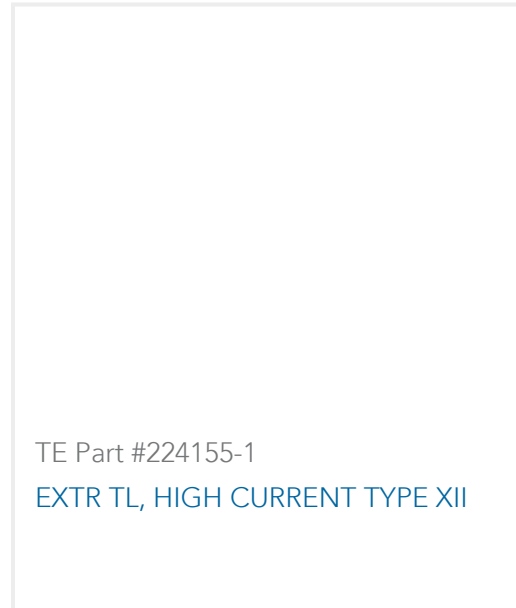
TE Part #CAT-C8114-F299B  
Single Phase Filters, Corcom FC Series



TE Part #148376-1  
2MM RS,072,RECEPTACLE ASSY



TE Part #148510-1  
2MMRS,ASY,072,R/A,HDR,PKG



TE Part #224155-1  
EXTR TL, HIGH CURRENT TYPE XII

## Documents

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_811288-SF\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_811288-SF\\_F.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_811288-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

[High Performance Single-Phase Filters FN2070](#)

English

### Agency Approvals

[CB SE-107475](#)

English