



EMI & EMC Solutions > EMC Chokes > EMC / RFI Chokes RD Series



Operating Voltage (Max): **600 VDC**

Current Rating (Max): **6 A**

Input Termination Type: **Litz Wire**

Output Termination Type: **Litz Wire**

Pollution Degree: **PD2**

[All EMC / RFI Chokes RD Series \(42\)](#)

Features

Product Type Features

Input Termination Type	Litz Wire
Output Termination Type	Litz Wire

Electrical Characteristics

Overvoltage Category	II
Operating Voltage (Max)	600 VDC
Current Rating (Max)	6 A

Body Features

Product Weight	160 g[5.64 oz]
Product Orientation	Horizontal

Mechanical Attachment

Product Mount Type	Chassis Mount
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Dimensions

Product Width	50 mm[1.96 in]
Product Length	50 mm[1.96 in]
Product Height	35 mm[1.37 in]

Usage Conditions



Operating Temperature Range	-25 – 110 °C[-13 – 230 °F]
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Operation/Application

Cooling Method	Natural Convection
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Industry Standards

Pollution Degree	PD2
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IP Rating	IP00
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UL Flammability Rating	UL 94V-0
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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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
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250)</p> <p>Candidate List Declared Against: JUNE 2025 (250)</p> <p>SVHC > Threshold:</p> <p>4,4'-isopropylidenediphenol (Bisphenol A) (5% in Component)</p>
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Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

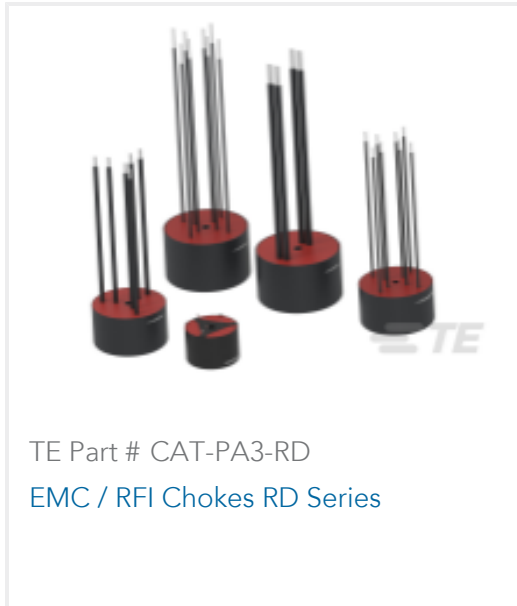
Halogen Content	Not Yet Reviewed for halogen content
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

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.

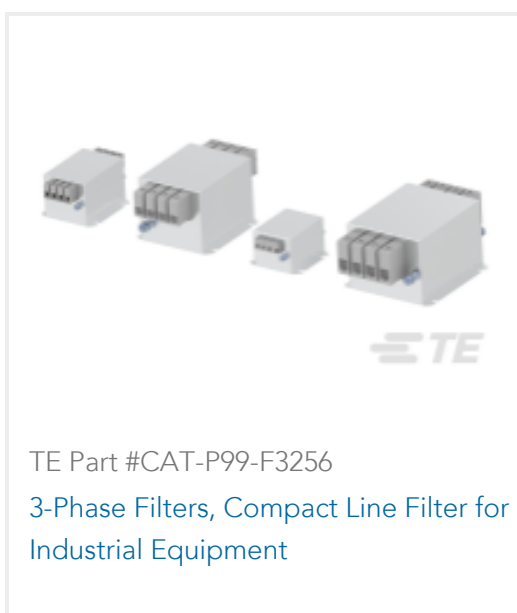
Compatible Parts



Also in the Series | Schaffner RD-Series



Customers Also Bought





Documents

Product Drawings

[RD5122-6-9M6](#)

English

Datasheets & Catalog Pages

[RFI Chokes RD series](#)

English