

2337822-1 ✓ ACTIVE



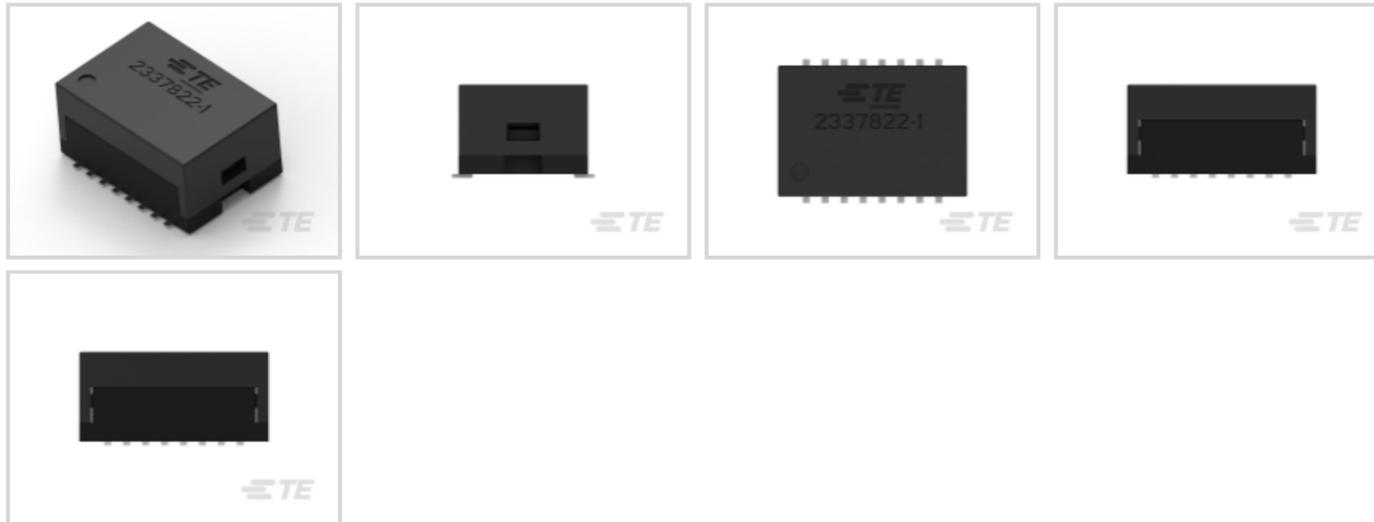
## Ethernet Magnetics

TE Internal #: 2337822-1

Discrete Magnetic Filter, 16, .01 Gb/s / .1 Gb/s, Nickel (Ni), Phosphor Bronze, Surface Mount, Side Entry, Ethernet Magnetics, Modular Jack Filters

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EMI & EMC Solutions > EMC Filters > Modular Jack Filters > DISCR.ETH.MAG



Modular Jack Filter Type: **Discrete Magnetic Filter**

Number of Loaded Positions: **16**

Data Rate: **.01 Gb/s, .1 Gb/s**

Contact Mating Area Plating Material: **Nickel (Ni)**

Contact Base Material: **Phosphor Bronze**

[All DISCR.ETH.MAG \(30\)](#)

## Features

### Product Type Features

Filtering Requirements	Filtered
Output Termination Type	PCB Mount
Modular Jack Filter Type	Discrete Magnetic Filter

### Configuration Features

PCB Mount Orientation	Right Angle
Number of Loaded Positions	16

### Signal Characteristics

Data Rate	.01 Gb/s, .1 Gb/s
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### Contact Features

PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Nickel (Ni)
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
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### Termination Features

Termination Method to PCB	Surface Mount
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	Liquid Crystal Polymer (LCP)
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Housing Color	Black
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Mating Entry Location	Side
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Centerline (Pitch)	1.27 mm[.05 in]
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Reel
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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	Compliant
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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	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Reflow solder capable to 260°C
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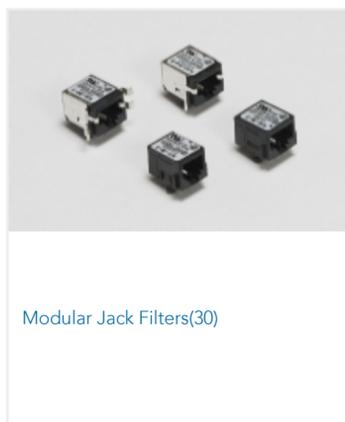
## Product Compliance Disclaimer

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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

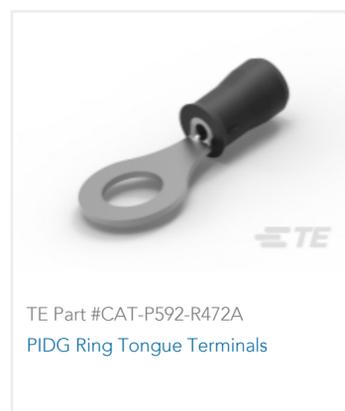
## Compatible Parts



## Also in the Series | Ethernet Magnetics



## Customers Also Bought





## Documents

### Product Drawings

[DISCR.ETH.MAG. 10/100 SINGLE SMT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2337822-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2337822-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2337822-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[DISCRETE MAGNETICS FOR INDUSTRIAL ETHERNET](#)

English

### Product Specifications

[Application Specification](#)

English