

**2-84952-8**

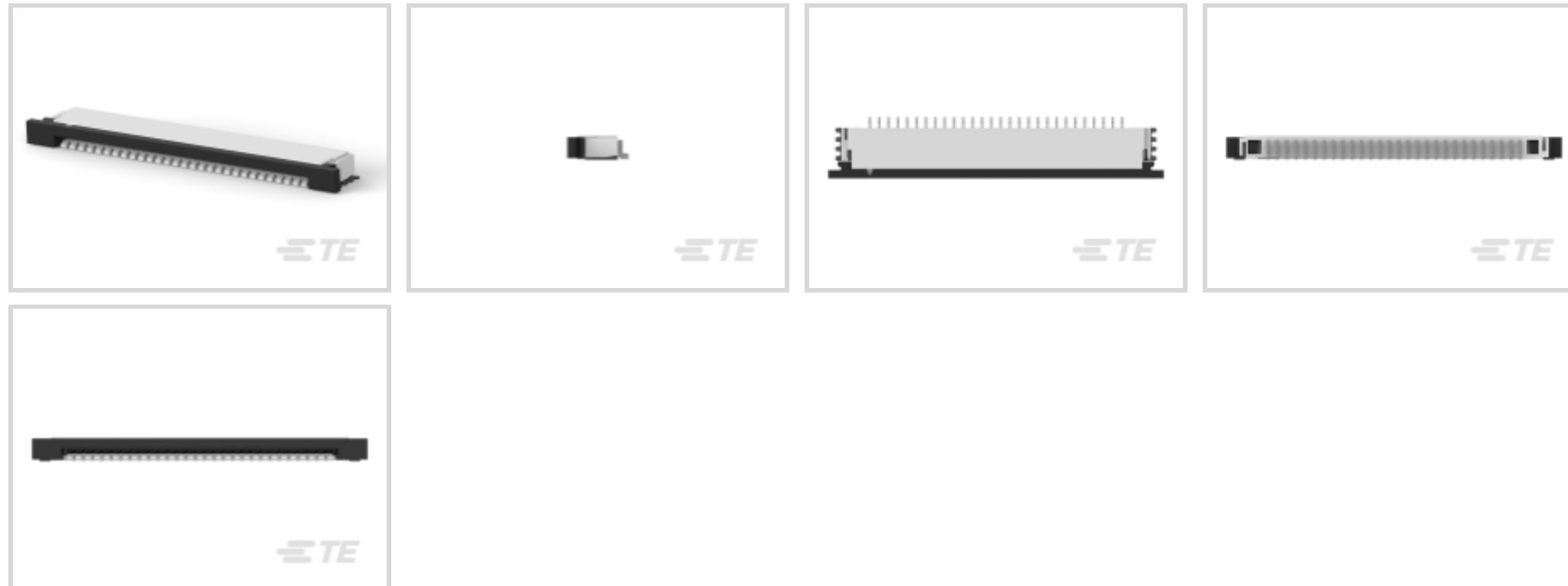
✓ ACTIVE

**FPC**

TE Internal #: 2-84952-8

1 mm [.039 in] Centerline, Right Angle, Surface Mount, Stuffer  
Actuator, Tin, 28 Position, FPC Connectors[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; Wire-to-Board Connectors &gt; FFC, FPC &amp; Ribbon Connectors &gt; FPC Connectors



Centerline (Pitch): 1 mm [ .039 in ]

Mating Retention Type: **Zero Insertion Force (ZIF)**PCB Mount Orientation: **Right Angle**Contact Mating Location: **Bottom**Termination Method to PCB: **Surface Mount**

## Features

### Electrical Characteristics

Operating Voltage	200 VAC
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### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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### Operation/Application

Circuit Application	Signal
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### Body Features

Primary Product Color	Natural
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### Identification Marking

Circuit Identification Feature	With
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### Packaging Features

Packaging Quantity	1200
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Packaging Method	Tape & Reel
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### Dimensions

Accepts Flex Cable Thickness	.3 mm[.012 in]
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Connector Width	6.54 mm[.258 in]
Connector Height	2.56 mm[.101 in]
Connector Length	35.92 mm[1.414 in]

#### Product Type Features

Connector & Contact Terminates To	Flexible Printed Circuit (FPC)
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle
FPC Actuator Type	Stuffer

#### Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 $\mu\text{m}$ [78.74 $\mu\text{in}$ ]
Contact Current Rating (Max)	1 A
Contact Shape & Form	Single Beam
PCB Contact Termination Area Plating Material Thickness	2 $\mu\text{m}$ [78.74 $\mu\text{in}$ ]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Finish	Bright
Contact Mating Location	Bottom
Contact Mating Area Plating Material	Tin

#### Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
PCB Mount Orientation	Right Angle
Number of Positions	28

#### Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention	With
Mating Alignment	With
PCB Mount Alignment	Without

## Mating Retention Type

## Zero Insertion Force (ZIF)

**Housing Features**

Housing Material

LCP (Liquid Crystal Polymer)

Centerline (Pitch)

1 mm [.039 in]

**Termination Features**

Termination Method to PCB

Surface Mount

**Other**

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Compliant

China RoHS 2 Directive MIIT Order No 32, 2016

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024  
(241)Candidate List Declared Against: JUNE  
2024 (241)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900  
ppm.

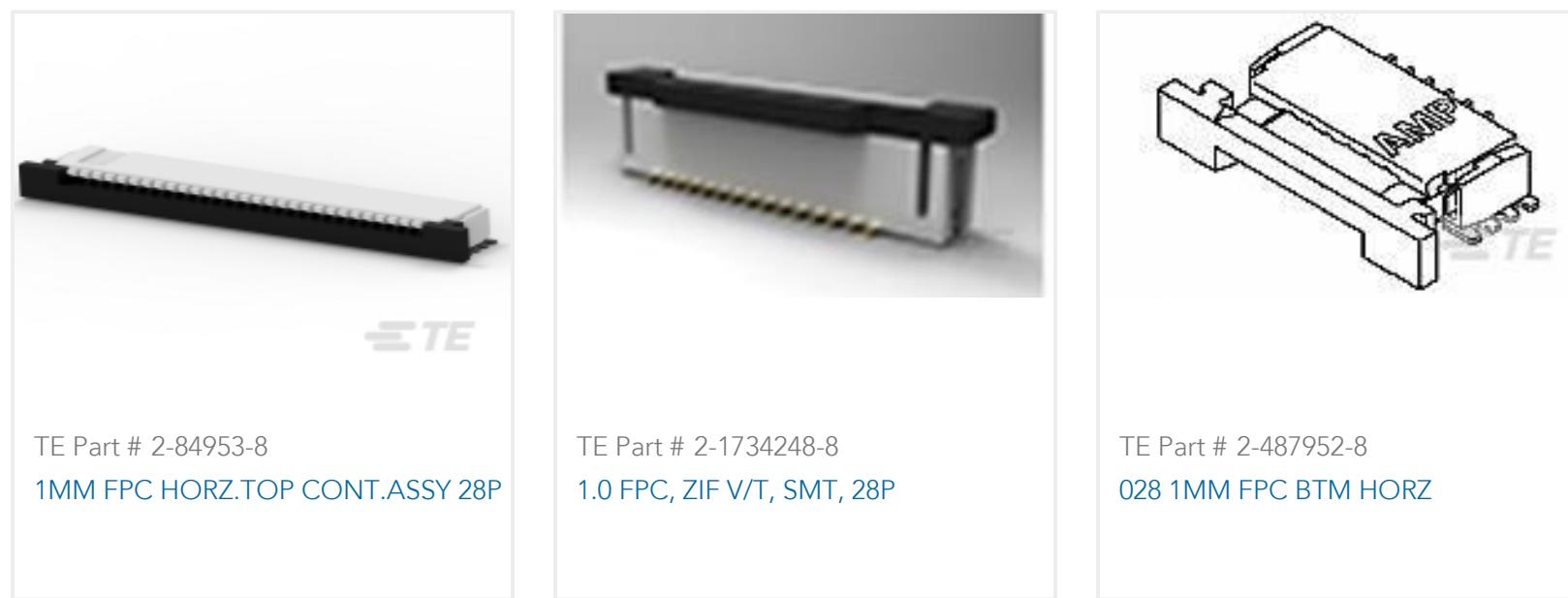
Solder Process Capability

Reflow solder capable to 260°C

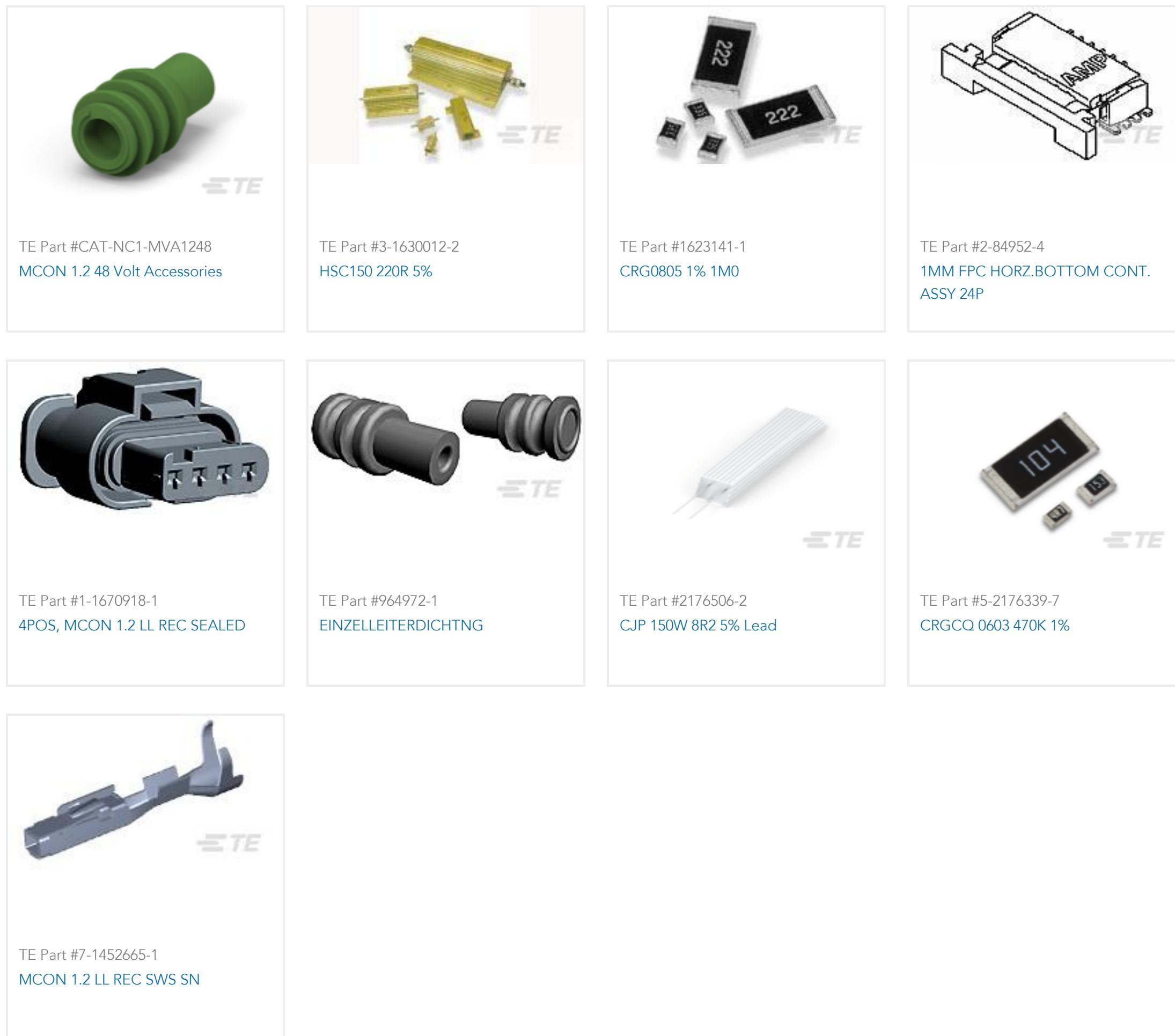
## Product Compliance Disclaimer

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**

TE Part # 2-84952-8  
1MM FPC HORZ.TOP CONT.ASSY 28PTE Part # 2-1734248-8  
1.0 FPC, ZIF V/T, SMT, 28PTE Part # 2-487952-8  
028 1MM FPC BTM HORZ

## Customers Also Bought



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-84952-8\\_A.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-84952-8\\_A.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_2-84952-8\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[FPC Connector Family](#)

English

[1-1773959-7-FPC-Connectors-CN](#)

English

**Product Specifications**[Product Specification](#)

English

**Agency Approvals**[UL Report](#)

English