

2291634-1  ACTIVE

TE Internal #: 2291634-1  
SFP+, Cage Assembly, Signal, Operating Temperature Range -55 - 105 °C [-67 - 221 °F], Data Rate (Max) 16 Gb/s, 1 Ports

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Connectors > Pluggable IO Connectors & Cages



Pluggable I/O Product Type: **Cage Assembly**

Circuit Application: **Signal**

Operating Temperature Range: **-55 - 105 °C [-67 - 221 °F]**

Data Rate (Max): **16 Gb/s**

Number of Ports: **1**

## Features

### Product Type Features

Thermal Accessory Type Included	Heat Sink
Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
Form Factor	SFP+

### Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

### Electrical Characteristics

Data Rate (Max)	16 Gb/s
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### Body Features

Heat Sink Finish	Electroless Nickel
Heat Sink Height	13.5 mm [.531 in]
Heat Sink Height Class	PCI
Heat Sink Style	Pin

### Termination Features

Termination Post & Tail Length	3 mm
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Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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### Housing Features

Cage Material	Nickel Silver Alloy
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### Dimensions

PCB Thickness (Recommended)	1.5 mm
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### Usage Conditions

Operating Temperature Range	-55 - 105 °C [-67 - 221 °F]
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### Operation/Application

Pluggable I/O Applications	SFP+
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Heat Sink Compatible	Yes
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Circuit Application	Signal
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### Other

Included Lightpipe	No
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EMI Containment Feature Type	Internal/External EMI Springs
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)
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Candidate List Declared Against: JAN 2024 (240)  
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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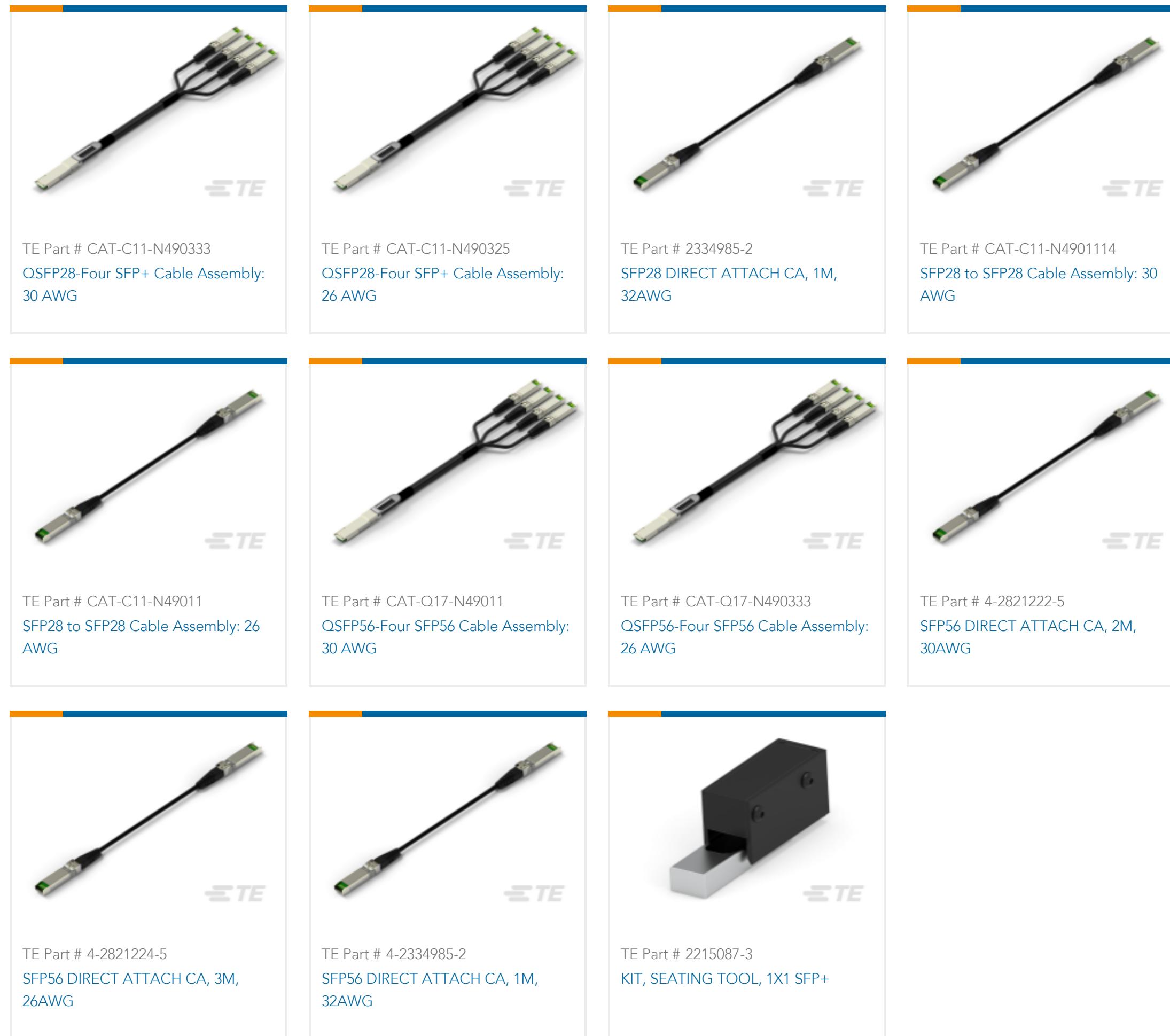
Solder Process Capability	Not applicable for solder process capability
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#### Product Compliance Disclaimer

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

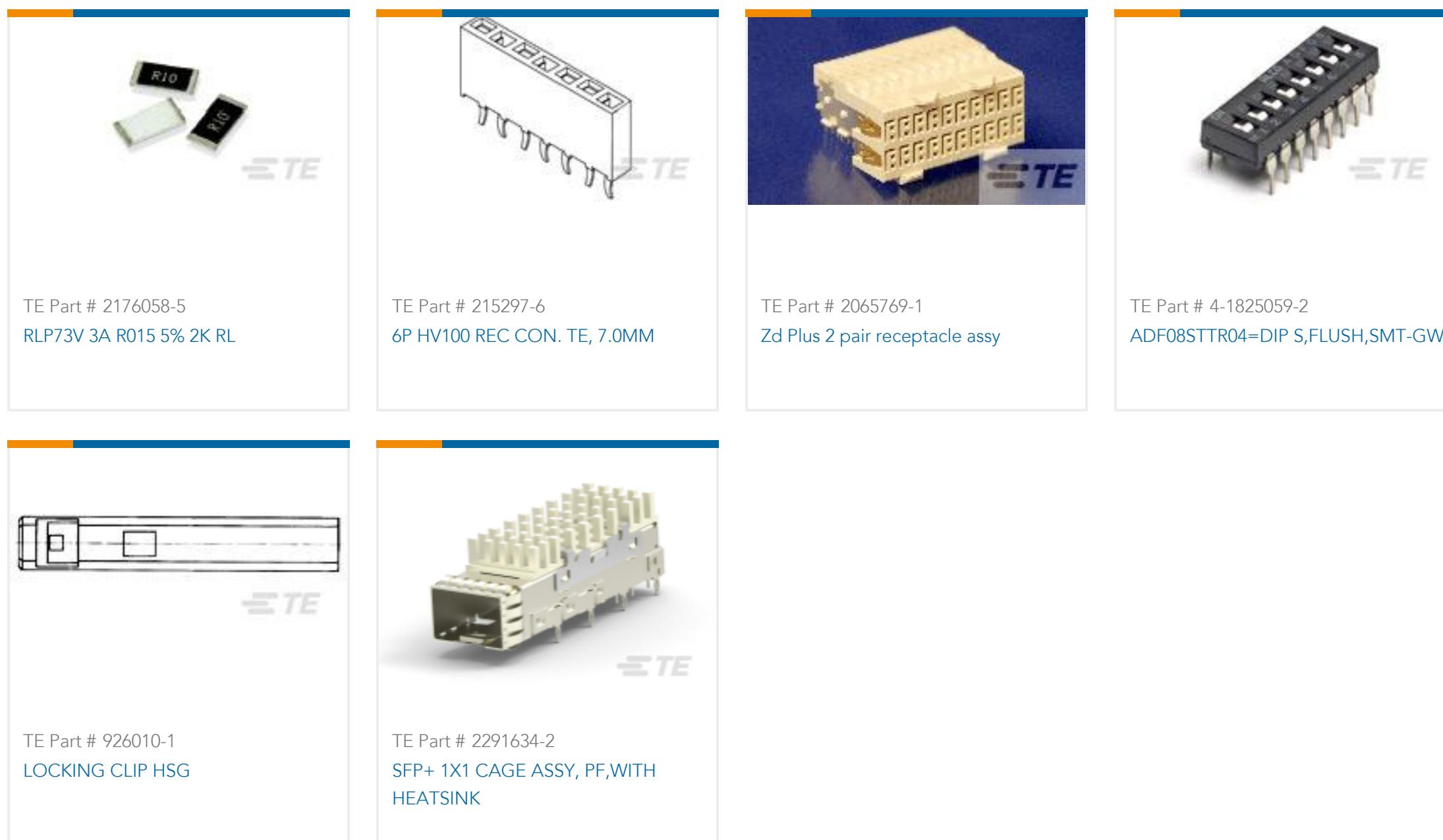
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH 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



## Customers Also Bought





## Documents

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2291634-1\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2291634-1\\_A.3d\\_jgs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_2291634-1\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Small Form-Factor Pluggable \(SFP\), SFP+, zSFP+ and SFP112 Surface Mount PT Connectors and Cage Assemblies](#)

English