

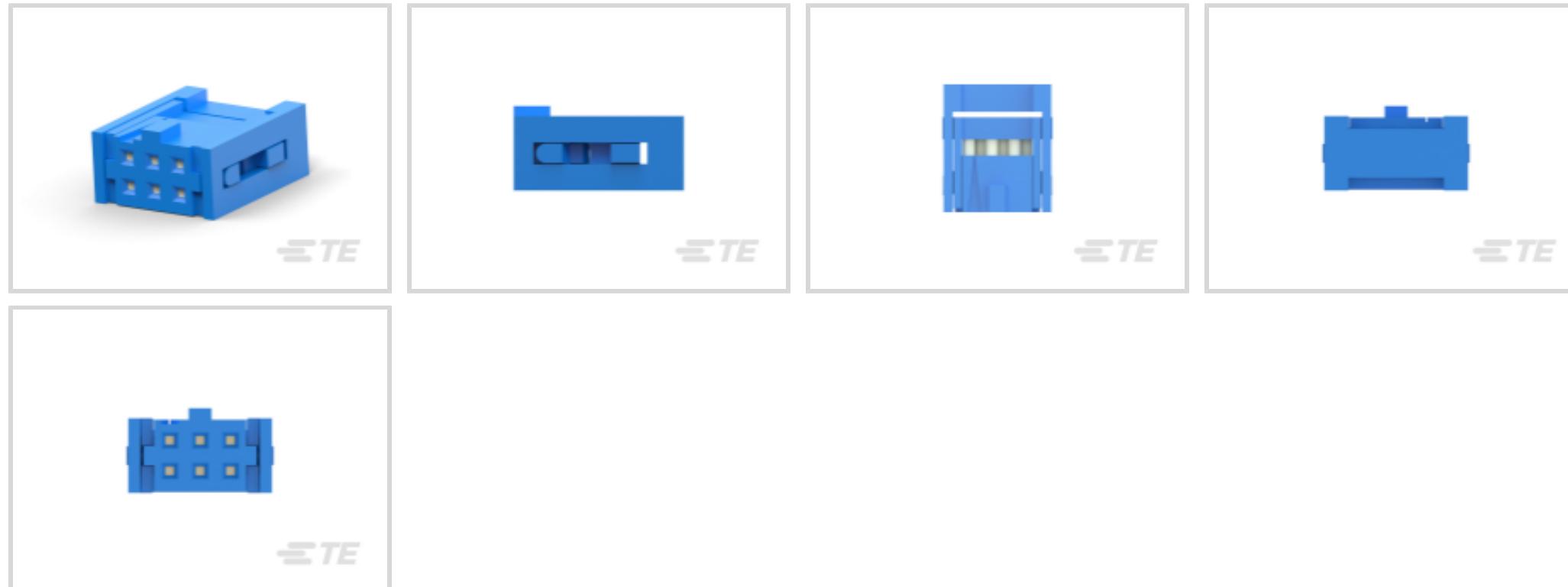
**1658526-2**

✓ ACTIVE

**AMP-LATCH**

TE Internal #: 1658526-2

Ribbon Cable Connectors, Wire-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, 2 Row, Receptacle, Polarization Mating Alignment Type, Wire & Cable

[View on TE.com >](#)[Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors](#)Connector System: **Wire-to-Board**Number of Positions: **6**Centerline (Pitch): **2.54 mm [.1 in]**Row-to-Row Spacing: **2.54 mm [.1 in]**Number of Rows: **2****Features****Product Type Features**

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Number of Positions	6
Number of Rows	2

**Body Features**

Primary Product Color	Blue
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**Contact Features**

Wire Contact Termination Area Plating Thickness	2.54 - 5.08 µm[100 - 200 µin]
Wire Contact Termination Area Plating Material	Tin
	30 µin
Contact Mating Area Plating Material	Gold

Contact Current Rating (Max)

1 A

**Termination Features**

Rectangular Termination Post &amp; Tail Thickness

.36 mm[.014 in]

Rectangular Termination Post &amp; Tail Width

.46 mm[.018 in]

Termination Method to Wire &amp; Cable

Insulation Displacement (IDC)

**Mechanical Attachment**

Mating Alignment Type

Polarization

Mating Retention

Without

Connector Mounting Type

Cable Mount (Free-Hanging)

**Housing Features**

Centerline (Pitch)

2.54 mm[.1 in]

**Dimensions**

Row-to-Row Spacing

2.54 mm[.1 in]

**Usage Conditions**

Operating Temperature Range

-55 - 125 °C[-67 - 257 °F]

**Operation/Application**

Circuit Application

Signal

**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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Not applicable for solder process capability

## Product Compliance Disclaimer

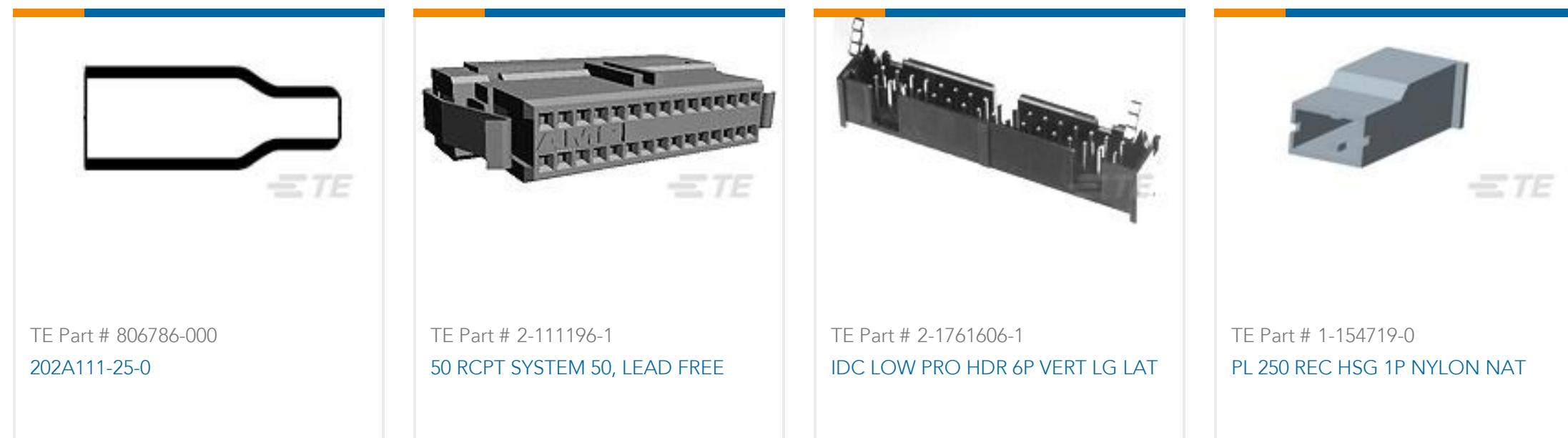
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

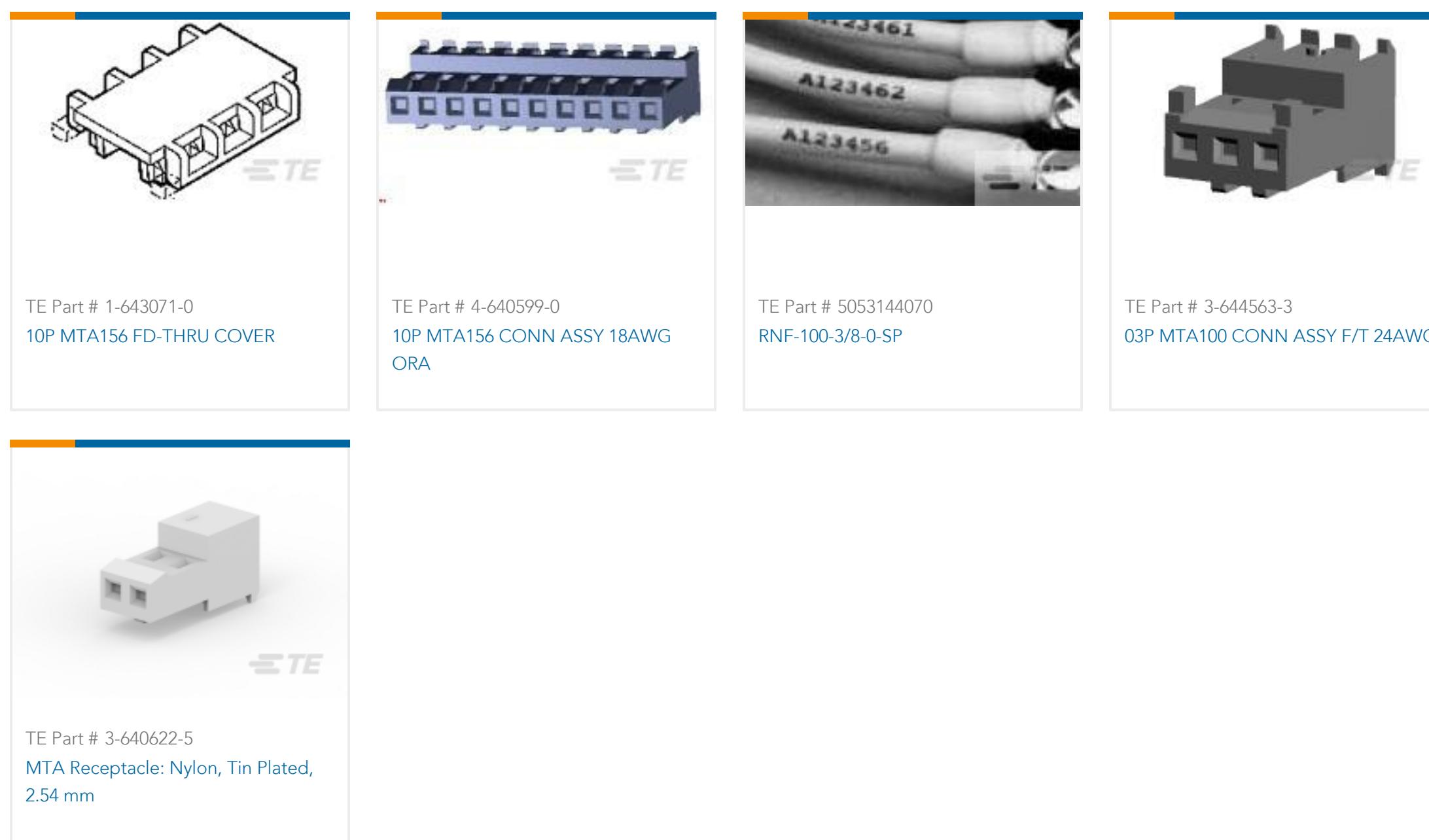
EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 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

### Product Drawings

[609-0641LF FEM SOCKT,LEAD FREE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1658526-2\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1658526-2\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1658526-2\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English