

747713-2 ✓ ACTIVE

## AMPLIMITE

TE Internal #: 747713-2

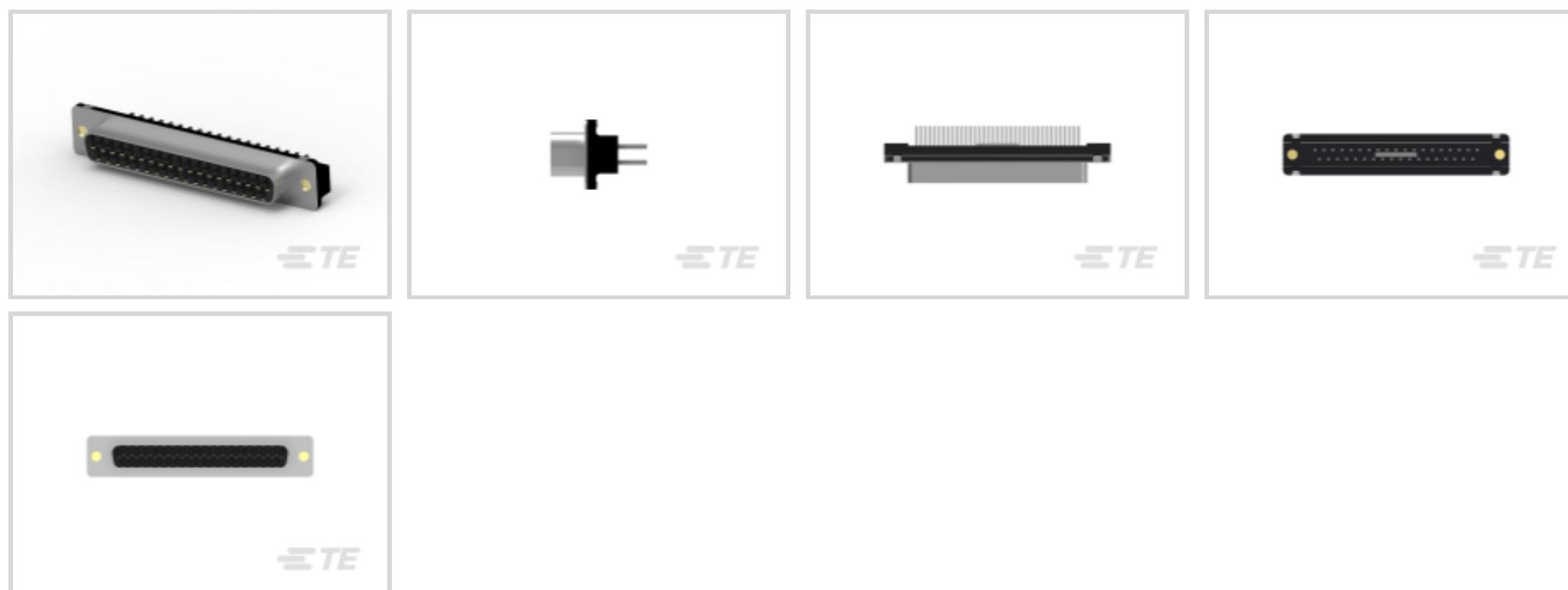
PCB D-Sub Connectors, Receptacle, Board-to-Board, 37 Position, 2.77 mm [.109 in] Centerline, 2 Row, 4 Connector Shell Size, Medium Profile, Vertical

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Connectors > D-Shaped Connectors > D-Sub Connectors > PCB D-Sub Connectors >

D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 4, 2.77mm



Connector & Housing Type: **Receptacle**

Connector System: **Board-to-Board**

Number of Positions: **37**

Centerline (Pitch): **2.77 mm [.109 in]**

Number of Rows: **2**

[All D-Sub Receptacle Assembly: Vertical, Action Pin, Shell Size 4, 2.77mm \(9\)](#)

## Features

### Product Type Features

Shell Material Configuration	Front Metal Shell
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector Shell Size	4
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	37
Number of Rows	2
PCB Mount Orientation	Vertical

### Body Features

Insert Material	Brass
Shell Plating Material	Tin

Primary Product Color	Black
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Connector Profile	Medium
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#### Contact Features

	30 $\mu$ in
Contact Mating Area Plating Material	Tin-Lead
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy

#### Termination Features

Rectangular Termination Post & Tail Thickness	.63 mm[.025 in]
Rectangular Termination Post & Tail Width	.86 mm[.034 in]
Termination Post & Tail Length	5.8 mm[.228 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

#### Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail, Mounting Hole
Mating Retention	Without
Connector Mounting Type	Board Mount

#### Housing Features

Shell Material	Steel
Housing Material	Thermoplastic
Centerline (Pitch)	2.77 mm[.109 in]

#### Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
Row-to-Row Spacing	2.84 mm[.112 in]

#### Usage Conditions

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

Circuit Application	Signal
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#### Industry Standards

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Approved Standards	UL E81956
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	52
Packaging Method	Tray

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235)
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Candidate List Declared Against: JUNE

2023 (235)

SVHC > Threshold:

Pb (13% in Component Part)

#### 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 Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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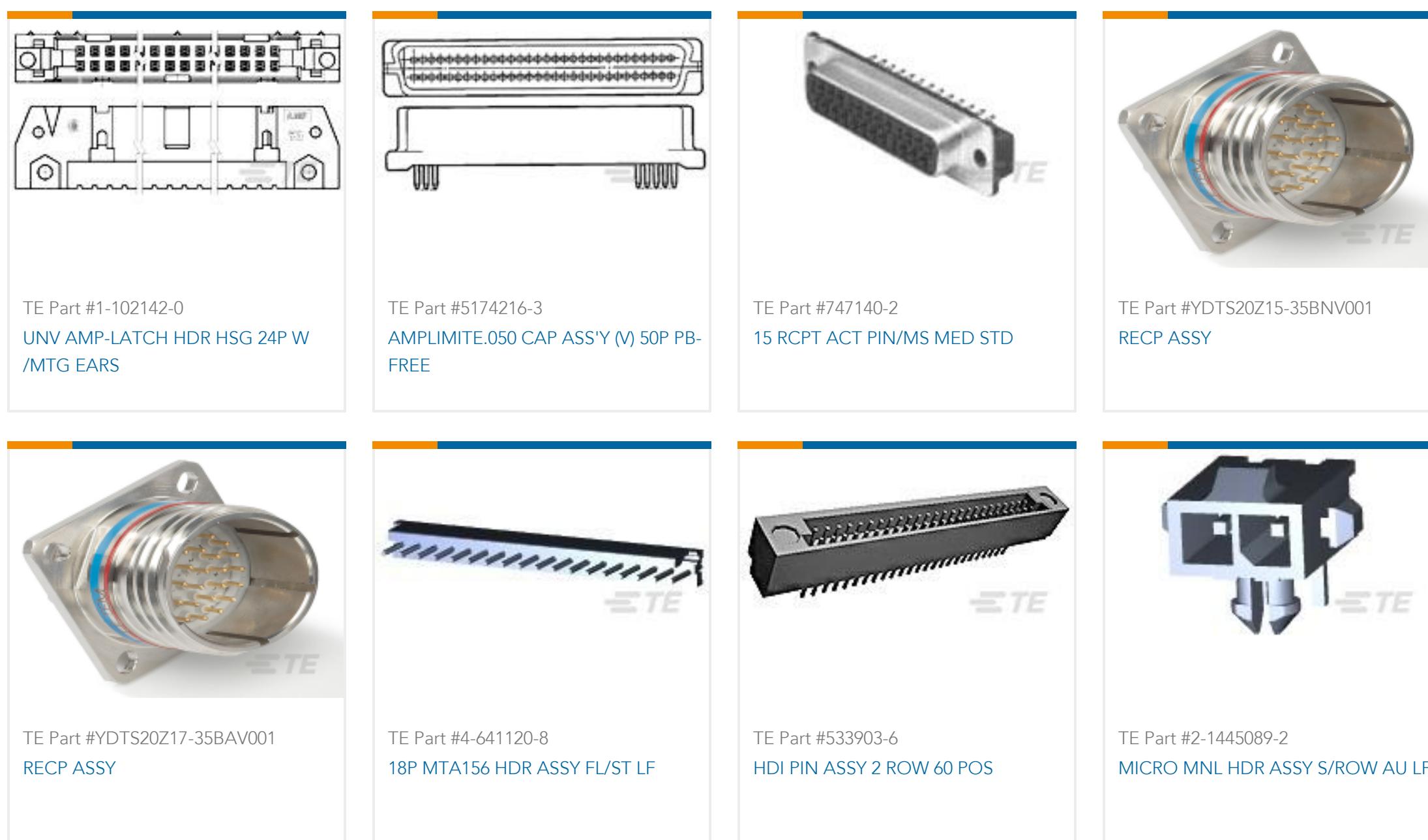
#### Product Compliance Disclaimer

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

### Product Drawings

#### 37 RCPT ACT PIN/MS MED STD

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_747713-2\\_K.2d\\_dxf.zip](#)

English

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_747713-2\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_747713-2\\_K.3d\\_stp.zip](#)

English

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

**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[UL Report](#)

English