

1761682-5 ✓ ACTIVE

## AMP-LATCH

TE Internal #: 1761682-5

Wire-to-Board, 14 Position, 2.54 mm [.1 in] Centerline, Right Angle,  
Through Hole - Solder, 2 Row, Plug, Low Profile, Ribbon Cable  
Connectors

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **14**

Centerline (Pitch): **2.54 mm [.1 in]**

PCB Mount Retention: **Without**

PCB Mount Orientation: **Right Angle**

### Features

#### Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

#### Industry Standards

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

Packaging Quantity	50
Packaging Method	Package

#### Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

#### Contact Features

Contact Underplating Material	Nickel
	15 μin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze



PCB Contact Termination Area Plating Material	Tin
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Contact Type	Pin
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Contact Current Rating (Max)	1 A
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### Body Features

Daisy Chain	With
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Primary Product Color	Black
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Connector Profile	Low
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### Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
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Connector Height	8.89 mm[.35 in]
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Connector Length	25.4 mm[1 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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### Termination Features

Termination Post & Tail Length	2.9 mm[.114 in]
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Square Termination Post & Tail Dimension	.64 mm[.025 in]
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Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature	Without
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Mating Alignment	With
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PCB Mount Alignment	Without
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PCB Mount Retention	Without
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Mating Alignment Type	Center
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Mating Retention	Without
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Connector Mounting Type	Board Mount
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### Housing Features

Mating Entry Location	Top
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Housing Material	PCT
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Centerline (Pitch)	2.54 mm[.1 in]
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### Product Type Features

Connector Product Type	Connector Assembly
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Ribbon Cable Connector Header Type	Pin Header
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Connector System	Wire-to-Board
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Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Positions	14
PCB Mount Orientation	Right Angle
Number of Rows	2

### Operation/Application

Circuit Application	Signal
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Compliance

[For compliance documentation, visit the product page on 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	Wave solder capable to 265°C

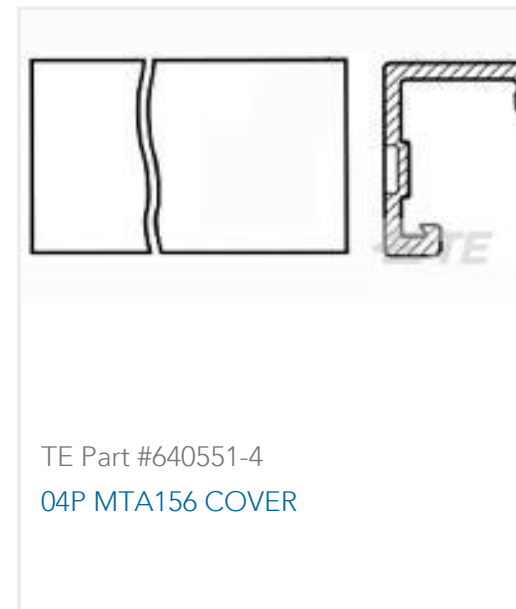
#### Product Compliance Disclaimer

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



## Customers Also Bought





## Documents

### Product Drawings

[IDC LOW PRO HDR 14P RA HT BLACK](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1761682-5\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1761682-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1761682-5\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL Report](#)

English