



AMP-LATCH

TE Internal #: 1888208-5

Wire-to-Board, 24 Position, 2.54 mm [.1 in] Centerline, Vertical, 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: **24**

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

PCB Mount Retention: **With**

PCB Mount Retention Type: **Retention Solder Tails**

Features

Contact Features

Contact Thickness	15 µin
Contact Current Rating (Max)	1 A
Contact Underplating Material	Nickel
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 Flash over Palladium Nickel, Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin

Product Type Features

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

Configuration Features

Number of Positions	24
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PCB Mount Orientation	Vertical
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Number of Rows	2
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Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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Mating Entry Location	Top
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Housing Material	PPA GF
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Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	Retention Solder Tails
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Mating Alignment Type	Dual Polarizing Bar, Center
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Mating Retention	Without
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Connector Mounting Type	Board Mount
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Panel Mount Feature	Without
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Mating Alignment	With
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PCB Mount Alignment	Without
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.05 mm [.12 in]
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Square Termination Post & Tail Dimension	.64 mm [.025 in]
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Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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Shrouded End Dimension	3.94 mm [.155 in]
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Connector Height	9.87 mm [.39 in]
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Connector Length	58.5 mm [2.3 in]
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Body Features

Connector Profile	Low
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Daisy Chain	With
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Primary Product Color	Black
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Operation/Application

Circuit Application	Signal
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Usage Conditions

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

Other

EU RoHS Compliance Compliant

EU ELV Compliance Compliant

Electrical Characteristics

Insulation Resistance 5000 MΩ

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 14

Packaging Method Tube

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

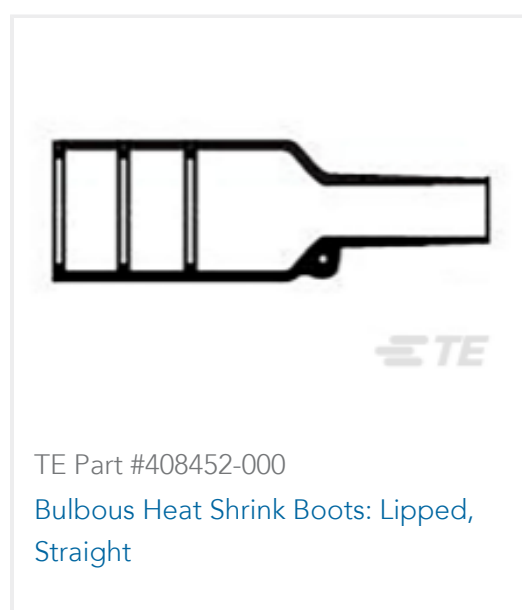
Product Compliance Disclaimer

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

[A/L LOW PRO HDR 24P VERT HT/KINK SPC PKG](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1888208-5_C.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1888208-5_C.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1888208-5_C.3d_stp.zip](#)



English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL Report](#)

English