

AMP-LATCH

TE Internal #: 111782-8

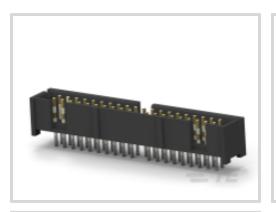
Ribbon Cable Connectors, Board-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Receptacle,

Low Profile

View on TE.com >

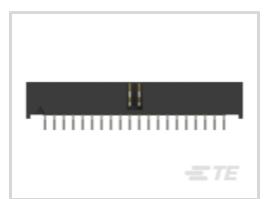


Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors











Connector System: Board-to-Board

Number of Positions: 40

Centerline (Pitch): 2.54 mm [.1 in]
PCB Mount Retention: Without
PCB Mount Orientation: Vertical

Features

Product Type Features

Ribbon Cable Connector Header Type	Pin Header
Connector Product Type	Connector Assembly
Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	40
PCB Mount Orientation	Vertical
Number of Rows	2
Number of Rows Electrical Characteristics	2
	2 5000 MΩ

With

Black

Daisy Chain

Primary Product Color



Connector Profile	Low
Contact Features	
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Type	Pin
	15 μin
Contact Mating Area Plating Material	Gold, Gold Flash, Gold Flash over Palladium Nickel
Contact Shape & Form	Square
Contact Underplating Material	Palladium Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Current Rating (Max)	1 A
Termination Features	
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Mechanical Attachment	
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Center, Dual Polarizing Bar
Mating Retention	Without
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Length	2.3 mm, 58.42 mm
Shrouded End Dimension	3.94 mm[.155 in]
Connector Height	9.86 mm[.39 in]
Row-to-Row Spacing	2.54 mm[.1 in]



Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Solder Process Feature	Solder Dipped
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	40
Packaging Method	Tube
Other	

Post # Omitted - Row T 11, Row S None

Product Compliance

For compliance documentation, visit the product page on TE.com>

Wire-to-Board Connector Comment

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not lead free process capable

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





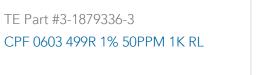




















Documents

Product Drawings
039/040 LOPRO HDR SP 15DP



English

039/040 LOPRO HDR SP 15DP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_111782-8_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_111782-8_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_111782-8_G.3d_stp.zip

English

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Product Specifications

Product Specification

English