5111374-9 ✔ ACTIVE

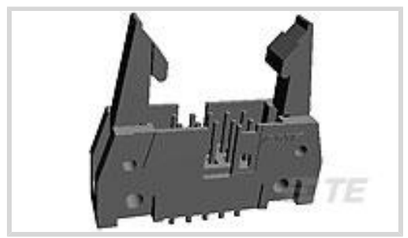
AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 5111374-9

Wire-to-Board, 40 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, AMP-LATCH Universal Headers, Ribbon Cable Connectors

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > AMP-LATCH UNIVERSAL HEADERS



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

Number of Positions: **40**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

All AMP-LATCH UNIVERSAL HEADERS (497)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Mating Latch & Lock Type	Long
Ribbon Cable Connector Header Type	Universal Ejection Pin Headers
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	40
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

Body Features

Mating Retention Feature Color	Red
Mating Retention Feature Material	PCT

Primary Product Color	Red
Connector Profile	Standard

Contact Features

Contact Underplating Material	Nickel, Palladium Nickel
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 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 (Au), Gold Flash over Palladium Nickel
Contact Base Material	Brass, Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	1 A

Termination Features

Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.79 mm[.11 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Contact Retention Type Within Housing	Press-Fit
Panel Mount Feature Type	Mounting Ears
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Mating Alignment Type	Center & Dual
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PCT GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	8.64 mm[.548 in]
Connector Length	70.1 mm[2.76 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	18
Packaging Method	Tray

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Pin-in-Paste capable to 245°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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

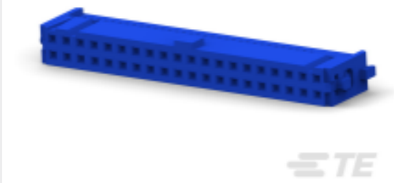
Compatible Parts



TE Part # 1-1658528-9
636-4041LF=FEM SKT BLD POL S/R



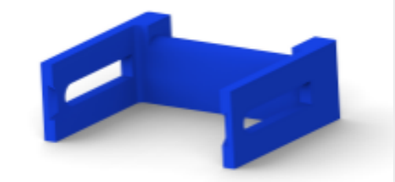
TE Part # 1658621-9
40 NOVO MIL/CTR 15DP,LEAD FREE



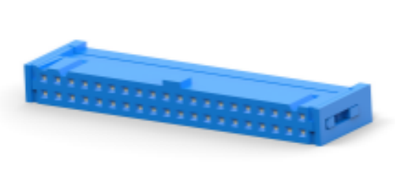
TE Part # 2-1658526-0
609-4030LF FEM SOCKT,LEAD FREE



TE Part # 1658620-9
40 NOVO MIL 15DP, LEAD FREE



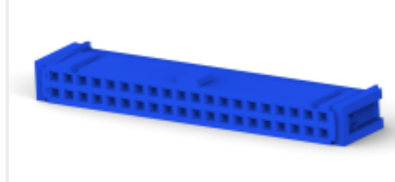
TE Part # CAT-AM71-A85022
Female Socket Connectors: Strain Relief



TE Part # 2-1658526-1
609-4041LF FEM SOCKT,LEAD FREE



TE Part # 1-1658527-2
622-4030LF FEM SOCKT,LEAD FREE



TE Part # 1-1658527-3
622-4041LF FEM SOCKT,LEAD FREE



TE Part # 499252-1
040 STRAIN RELIEF A-L RCPT

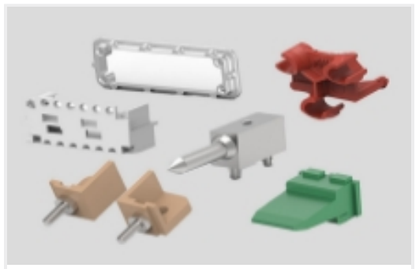


TE Part # 1658623-9
40 NOVO MIL 30DP, LEAD FREE



TE Part # 1658622-9
40 NOVO MIL/CTR 30DP,LEAD FREE

Also in the Series | AMP-LATCH Universal Headers



Connector Hardware(13)



Ribbon Cable Connectors(497)

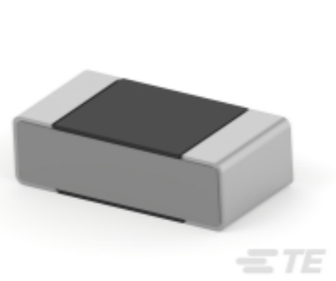
Customers Also Bought



TE Part #207532-9
SKT HDR ASSY,24 POSN,METRIMATE



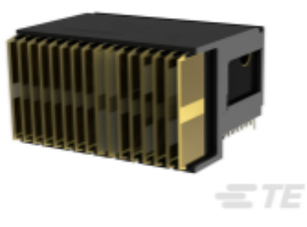
TE Part #4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part #6-1879131-9
RN 0402 10K 0.1% 10PPM 5K RL



TE Part #2176055-7
RLP73V 2B R018 1% 1K RL

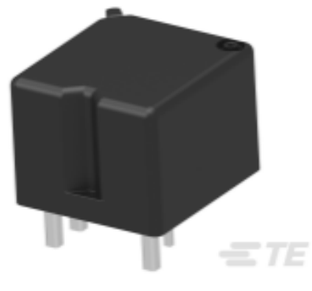


TE Part #2286250-1
MULTIGIG RT 2-R. 7RW



TE Part #5177983-2
0.8FH,R05H.5,060,08/Sn,TU

TE Part #619550-1
SMA JACK 2 HOLES FLANGE



TE Part #1-1393280-1
V23086C1002A403

Documents

Product Drawings

A/L UNIV HDR 40P VERT LAT HT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5111374-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5111374-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5111374-9_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English