5499206-4 ✔ ACTIVE

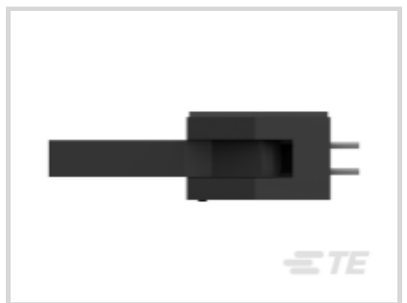
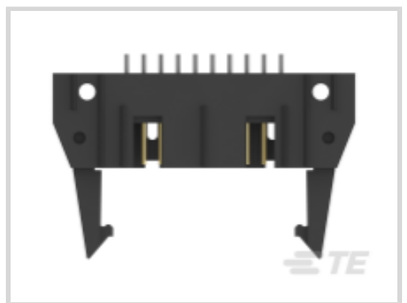
AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 5499206-4

Wire-to-Board, 20 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: **20**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

All AMP-LATCH UNIVERSAL HEADERS (523)

Features

Product Type Features

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

Configuration Features

Number of Positions	20
PCB Mount Orientation	Vertical
Number of Rows	2

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Housing Material	Glass-Filled Nylon/Polyester

Mechanical Attachment

PCB Mount Retention	Without
Mating Alignment Type	Dual Polarizing Bar, Center
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount
Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without

Termination Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Shrouded End Dimension	3.81 mm[.15 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.94 mm[.548 in]
Connector Length	44.7 mm[1.76 in]

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Current Rating (Max)	1 A
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
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

Contact Type	Pin

Operation/Application

Circuit Application	Signal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

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 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

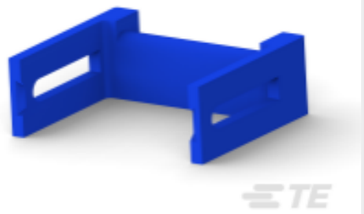
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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



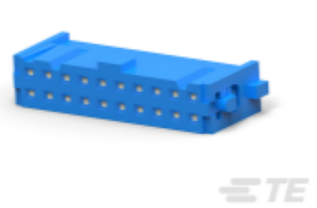
TE Part # 499252-2
020 STRAIN RELIEF A-L RCPT



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



TE Part # 1658620-4
20 NOVO MIL 15DP, LEAD FREE



TE Part # 1-1658526-2
609-2030LF FEM SOCKT,LEAD FREE



TE Part # 1658621-4
20 NOVO MIL/CTR 15DP,LEAD FREE



TE Part # 1-1658526-3
609-2041LF FEM SOCKT,LEAD FREE



TE Part # 1658623-4
20 NOVO MIL 30DP, LEAD FREE



TE Part # 1658527-8
622-2041LF FEM SOCKT,LEAD FREE



TE Part # 2-1658527-3
622-2030LF=FSKT IDC S 20 30AU



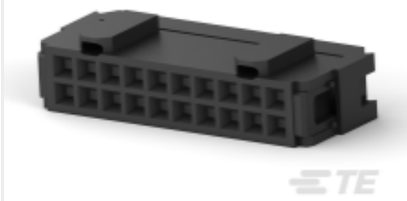
TE Part # 1658528-4
636-2041LF FEM SOCKT,LEAD FREE



TE Part # 102320-1
UNIVERSAL HEADER LATCH



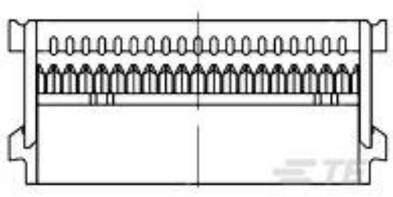
TE Part # 1658622-4
20 NOVO MIL/CTR 30DP,LEAD FREE



TE Part # 1658624-4
20 NOVO DUAL 30DP, LEAD FREE

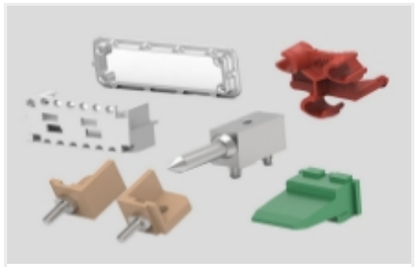


TE Part # 1-1658528-5
636-2030LF=FEM SKT BLADE POL 1



TE Part # 3-1658526-0
609-2000MLF=FSKT IDC S 20 30AU

Also in the Series | AMP-LATCH Universal Headers

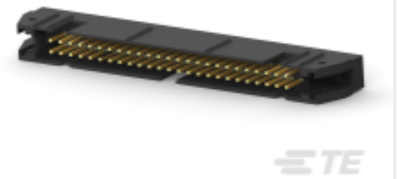


Connector Hardware(13)



Ribbon Cable Connectors(523)

Customers Also Bought



TE Part #2-5499206-4
AMP-LATCH UNIVERSAL HEADERS



TE Part #4-1419111-1
PT270012



TE Part #1-794066-1
12P MINI UMNL HDR W/DH AU LF



TE Part #4-794632-2
12P MICRO MNL ASSY,VRT,HDR,LF



TE Part #1-1419108-9
RT444012F



TE Part #4-530153-1
TDM SPRING, SHUNT ASY 2 POS



TE Part #1565691-1
SEMI-HARD TRAY ASS'Y FOR DDR S

Documents

Product Drawings

A/L UNIV HDR 20P VERT LG LAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5499206-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5499206-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5499206-4_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

Product Specifications

Product Specification

English