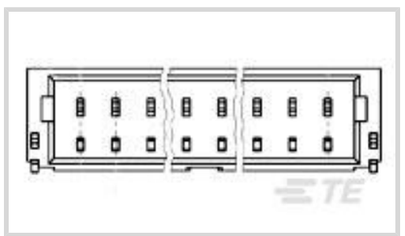
1734709-9 ✔ ACTIVE

TE Internal #: 1734709-9

PCB Mount Header, Right Angle, Wire-to-Board, 9 Position, 1mm [.039in] Centerline, 1 Row, Nickel, Natural Housing Color, Fully Shrouded

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > AMP HPI 1.0MM HEADERS



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **9**

Centerline (Pitch): **1 mm [.039 in]**

All AMP HPI 1.0MM HEADERS (28)

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	9
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	3.048 µm[120 µin]
Mating Tab Width	.49 mm[.019 in]

Mating Tab Thickness	.2 mm[.008 in]
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Nickel
Contact Mating Area Plating Material Finish	Matte
Contact Type	Pin
Contact Current Rating (Max)	.8 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.3 mm[.012 in]
Termination Post & Tail Length	.7 mm[.028 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
PCB Mount Retention Type	Solder Peg
PCB Mount Alignment	Without
Mating Retention	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1 mm[.039 in]
Housing Color	Natural
Housing Material	PA 9T GF

Dimensions

Connector Length	11.3 mm[.445 in]
Connector Height	2.9 mm[.114 in]
Connector Width	4.95 mm[.195 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1500
Packaging Method	Reel

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: JAN 2021 (211) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°C

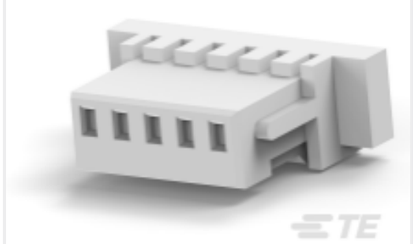
Product Compliance Disclaimer

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

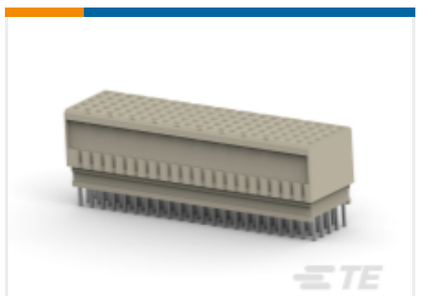


TE Part # CAT-H857-C7671100
HPI: 1mm Wire-to-Board Contact



TE Part # CAT-H857-H817210
AMP HPI 1.0MM RECEPTACLE HOUSINGS

Customers Also Bought



TE Part #3-646547-0
Hard Metric Backplane Receptacle Connector: Mezzanine, 2mm



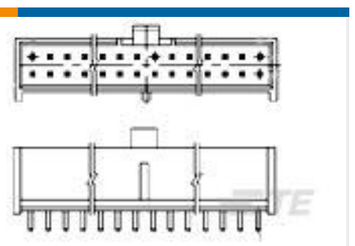
TE Part #141879-2
250 FASTON,TAB,TPBR



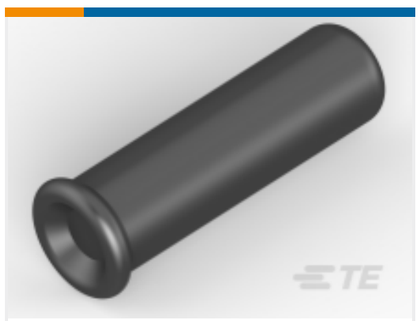
TE Part #1825533-1
14 MTE HDR SRST LATCH .100CL



TE Part #1982295-5
ELCON MINI 2P RA HEADER,TRAY,W/ CODING



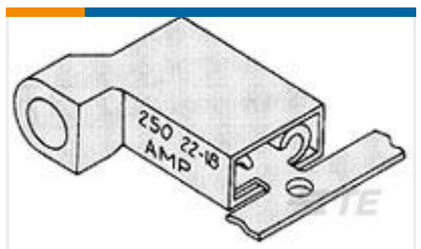
TE Part #2-1658549-7
FPH-3222G=FLXPAC HDR P 32 ST LF



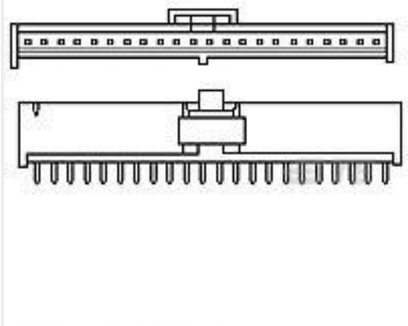
TE Part #3-5331272-9
Mini Spring Sockets: Open Bottom, 4A



TE Part #YDTS20F25-04SEV001
D38999: Square Flange, 25-04 insert



TE Part #3-520132-2
ULTRAFAST 250 ASSY FLAG REC 16-14 TPBR



TE Part #3-1888291-3
FPH-2021G=FLXPAC HDR P 20 ST L

Documents

Product Drawings

1.0 WTB HDR SR RA 9 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1734709-9_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1734709-9_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1734709-9_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

Application Specification

English