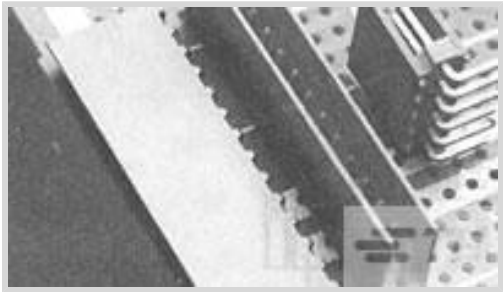




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > HE13/HE14 TH Headers, SRST



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

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

[All HE13/HE14 TH Headers, SRST \(21\)](#)

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	500 V

Contact Features

Contact Mating Area Length	7 mm
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square



Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.8 µm[31 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Post & Tail Length	2.9 mm
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Blue
Housing Material	High Temperature Thermoplastic

Usage Conditions

Operating Temperature Range	-40 – 100 °C[-40 – 212 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	4000
Packaging Method	Box



Product Compliance

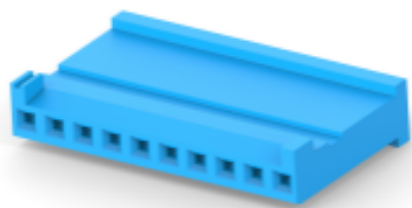
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) 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

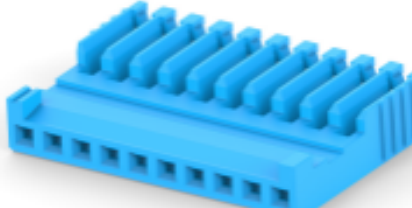
Product Compliance Disclaimer

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>

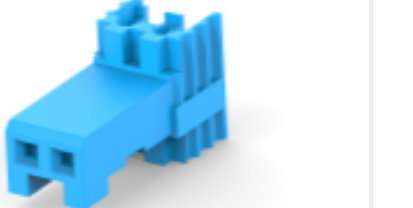
Compatible Parts



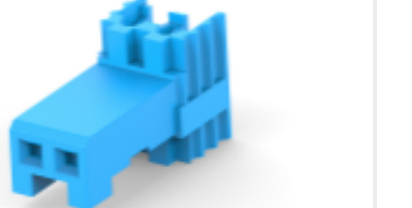
TE Part # CAT-AM74-H3401F
HE13/HE14 Crimp Housings



TE Part # CAT-AM74-H3401I
HE13/HE14 IDC Receptacle, SRST, AWG24-2



TE Part # CAT-AM74-H3401G
HE13/HE14 IDC Receptacle, SRRA, AWG24



TE Part # CAT-AM74-H3401H
HE13/HE14 IDC Receptacle, SRRA, AWG26

Also in the Series | AMPMODU HE 13/HE 14



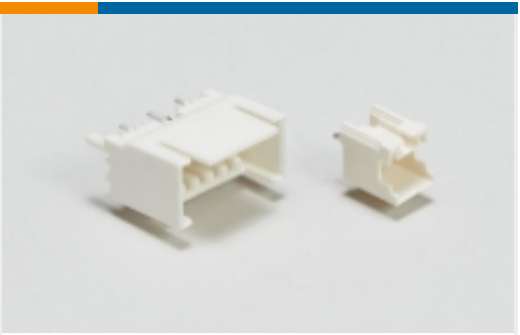
Insertion & Extraction Tools(1)



Wire-to-Board Connector Assemblies & Housings(151)



Wire-to-Board Connector Contacts(4)



Wire-to-Board Headers & Receptacles (83)

Customers Also Bought



TE Part #182734-2
HE13/HE14 Contacts



TE Part #1-281695-0
HE13/HE14 TH Headers, SRST



TE Part #1676142-2
RN 0805 100K 0.1% 10PPM 1KRL



TE Part #1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



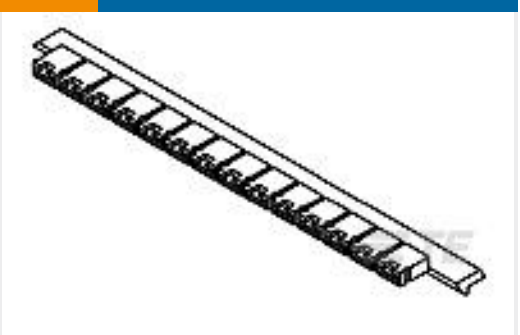
TE Part #826926-3
3P AMPMODU II PIN HDR.



TE Part #2-1676480-9
CRG0402 1% 1M0



TE Part #1676153-2
RN 0805 10K 0.1% 10PPM 1KRL



TE Part #142270-3
CONNECTOR SHUNT 2 P



TE Part #2-1571551-2
DIP Socket: Standard, Stamped & Formed, Closed, Gold Flash

Documents

Product Drawings

HEADER HE14 STRAIGHT 8 P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_281695-8_G.2d_dxf.zip

281695-8

AMPMODU HE 13/HE 14, PCB Mount Header, Vertical, Wire-to-Board, 8 Position, 2.54mm [.1in] Centerline, 1 Row, Tin, Blue Housing Color



English

Customer View Model

[ENG_CVM_CVM_281695-8_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281695-8_G.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

French

Product Environmental Compliance

[TE Material Declaration](#)

English