

1-281839-0 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 1-281839-0

Housing, Receptacle, Wire-to-Board, 20 Position, 2.54 mm [.1 in]

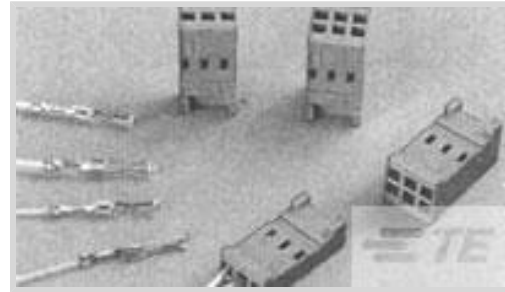
Centerline, Insulation Displacement (IDC), 2 Row, Blue, AMPMODU

HE 13/HE 14

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > HE13/HE14 Crimp Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **20**

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

[All HE13/HE14 Crimp Housings \(18\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	20
Number of Rows	2

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment



Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	With

Housing Features

Housing Entry Configuration	Both Ends Closed
Housing Material	PBT GF
Centerline (Pitch)	2.54 mm [.1 in]
Housing Color	Blue

Dimensions

Connector Length	25.4 mm [1 in]
Connector Height	15 mm [.591 in]
Wire Size	.08 – .22 mm ²
Row-to-Row Spacing	2.54 mm [.1 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Package

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 2022 (223)



Candidate List Declared Against: JUL 2021
(219)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

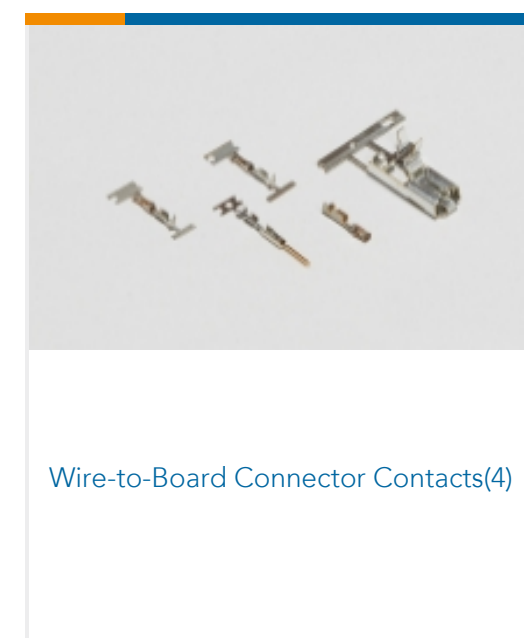
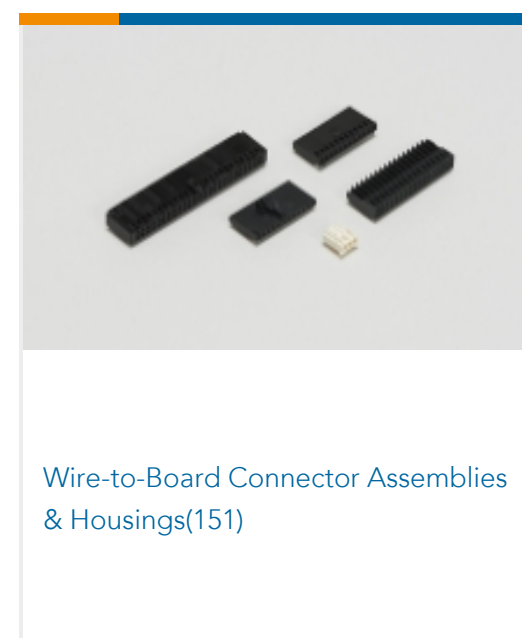
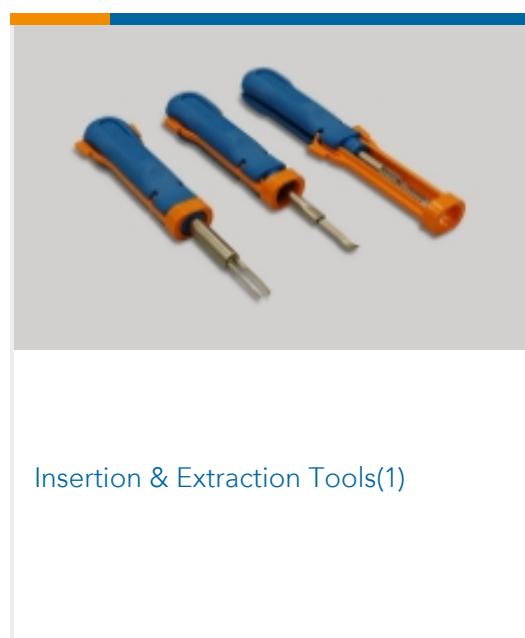
Product Compliance Disclaimer

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>

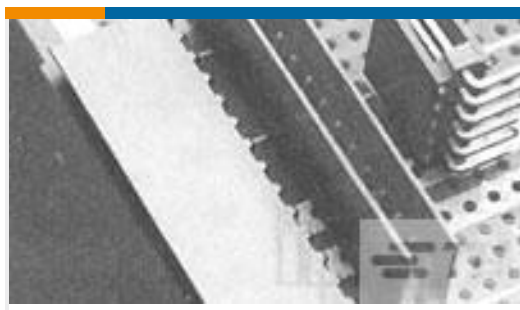
Compatible Parts



Also in the Series | AMPMODU HE 13/HE 14



Customers Also Bought



TE Part #281698-5
HEADER HE14 RA 5 P



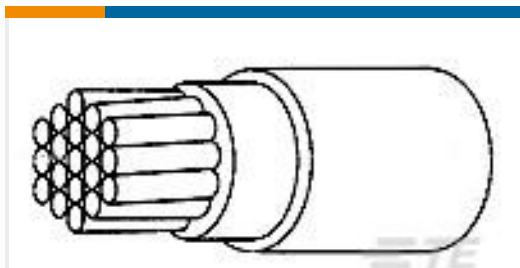
TE Part #90870-1
PROCRIMP TL W/DIE COMM .062 P/S



TE Part #794058-1
MINI UMNL SOK L/P



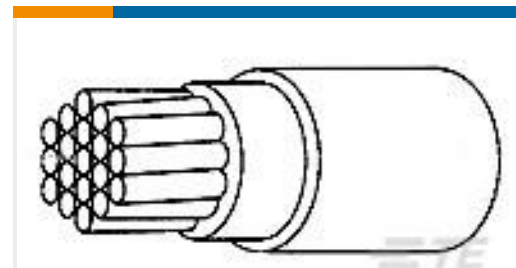
TE Part #42566-2
187 FASTON REC 20-16 AWG TPBR



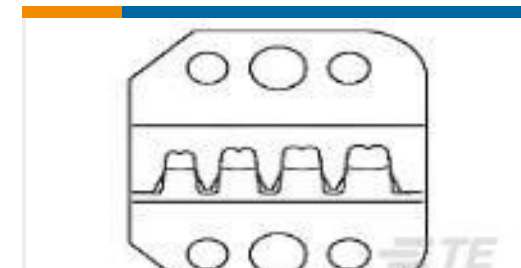
TE Part #9040373001
100G0111-0.50-2



TE Part #794059-1
MINI UMNL PIN L/P



TE Part #1139353001
100G0111-0.50-0



TE Part #90870-2
PROCRIMP DIE COMM .062 PIN/SOC



TE Part #EK4833-000
91H1-15-08-1-B-HE200

Documents

Product Drawings

[HOUSING HE13 HE14 COSI 2X10 P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-281839-0_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-281839-0_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-281839-0_H.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