

144271-2 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

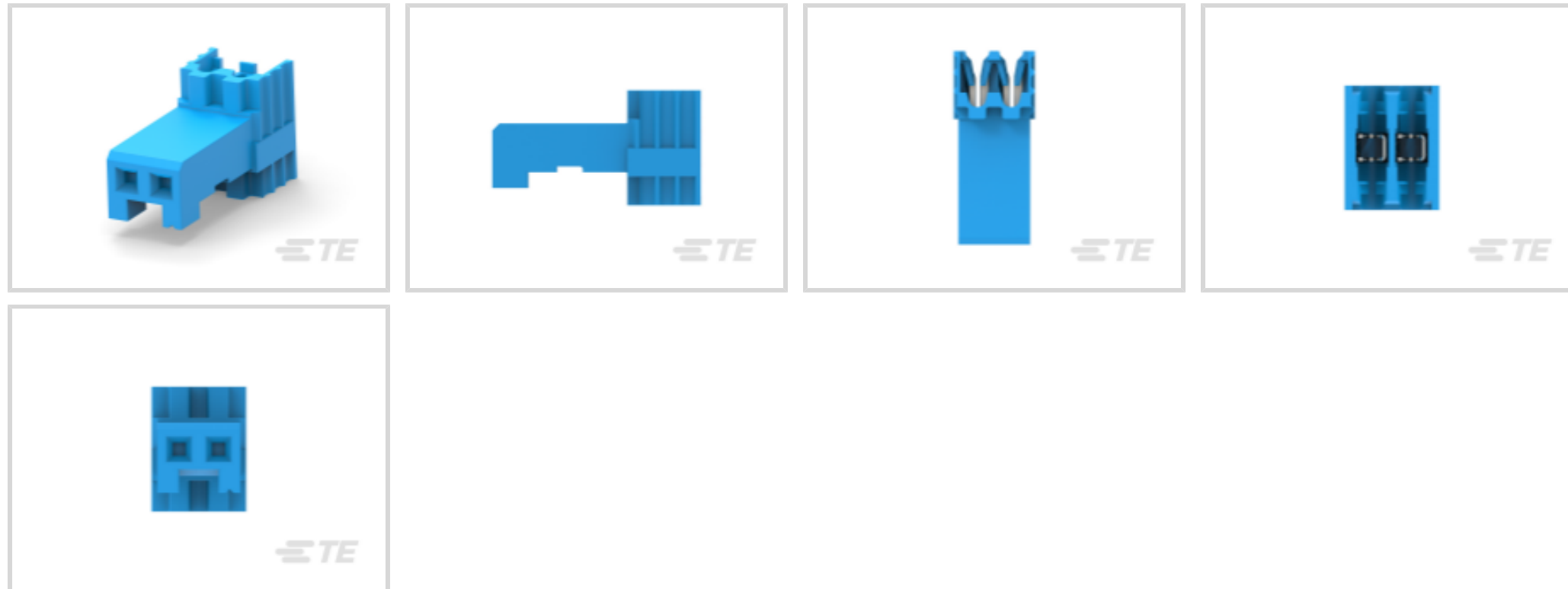
TE Internal #: 144271-2

Connector Assembly, Receptacle, Wire-to-Board, 2 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 1 Row, Blue, AMPMODU HE 13/HE 14

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	2
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	500 V

### Contact Features

Contact Layout	Inline
Contact Type	Socket



Contact Underplating Material	Nickel
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
Connector Mounting Type	Cable Mount (Free-Hanging)

#### 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	5.88 mm [.231 in]
Connector Height	14.5 mm [.571 in]
Accepts Wire Insulation Diameter Range	1 mm [.039 in]
Wire Size	.12 mm <sup>2</sup>
Row-to-Row Spacing	2.54 mm [.1 in]

#### 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

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

#### Packaging Features

Packaging Quantity	500
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Packaging Method

Bulk, Loose Piece

### 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 2022 (224) Candidate List Declared Against: DEC 2014 (161) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 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 # 281695-2  
HEADER HE14 STRAIGHT 2 P

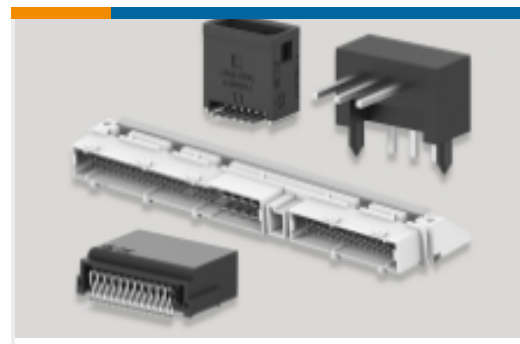


TE Part # 281698-2  
HEADER HE14 RA 2 P

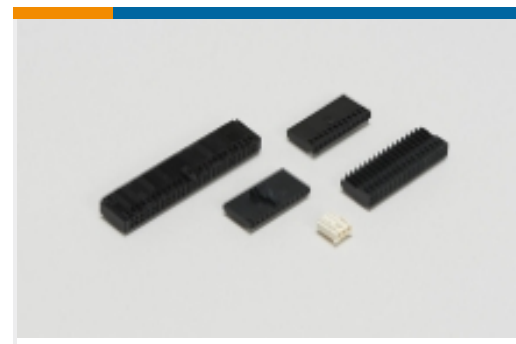
Also in the Series | **AMPMODU HE 13/HE 14**



Insertion &amp; Extraction Tools(1)

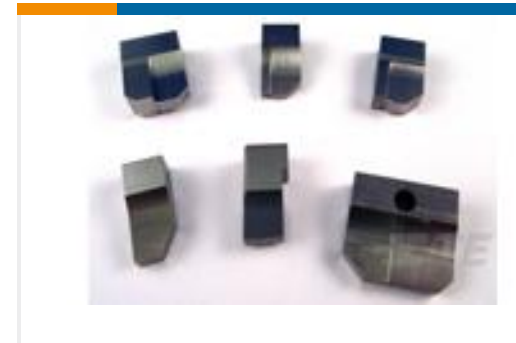
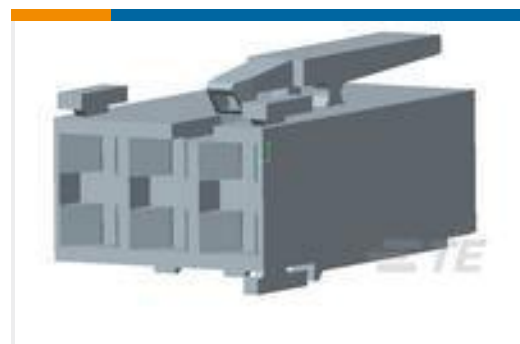


PCB Headers &amp; Receptacles(83)

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

Wire-to-Board Connector Contacts(4)

## Customers Also Bought

TE Part #1969104-1  
ULTRA POD: Straight, Receptacle  
Assembly, Unplated, .250 inchTE Part #644267-2  
SL156 HSG (YELLOW)TE Part #1-521253-3  
PL MKIII & FASTON 250 HSG 2P  
NYLON GREENTE Part #1-853088-0  
ANVILTE Part #1855118-1  
U POD .187 STRAIGHT SAPR090F140F  
LM & GTE Part #2-1241817-3  
STD TIM HOUSING MKII 3POSTE Part #530219P009  
RNF-150-1/4-0-1.25INTE Part #440452-000  
RT-3-NO.1-0-2.25IN

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_144271-2\\_D.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_144271-2\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_144271-2\\_D.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English

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