

281786-3 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 281786-3

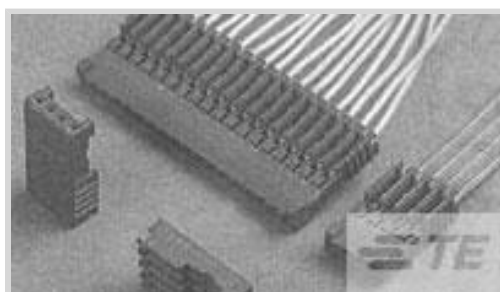
Connector Assembly, Receptacle, Wire-to-Board, 3 Position, .1 in [2.54 mm] Centerline, Insulation Displacement (IDC), 1 Row, Blue, AMPMODU HE 13/HE 14

[View on TE.com >](#)



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

HE13/HE14 IDC Receptacle, SRST, AWG24-2



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

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

[All HE13/HE14 IDC Receptacle, SRST, AWG24-2 \(30\)](#)

## 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	3
Number of Rows	1

### Electrical Characteristics

Insulation Resistance	1000 MΩ
-----------------------	---------

### Body Features

Primary Product Color	Blue
-----------------------	------

### 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)
------------------------------------	-------------------------------

### 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]
--------------------	----------------

### Dimensions

Connector Length	8.42 mm[.331 in]
------------------	------------------

Connector Height	17.8 mm[.701 in]
------------------	------------------

Compatible Insulation Diameter Range	1 mm[.039 in]
--------------------------------------	---------------

Wire Size	.08 – .15 mm <sup>2</sup>
-----------	---------------------------

Row-to-Row Spacing	2.54 mm[.1 in]
--------------------	----------------

### Usage Conditions

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

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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**



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(83)



Wire-to-Board Connector Assemblies & Housings(131)



Wire-to-Board Connector Contacts(4)

## Customers Also Bought



TE Part #806703-000  
222A152-25-0



TE Part #281695-4  
HE13/HE14 TH Headers, SRST



TE Part #1622389-1  
LR1 1% 22K



TE Part #1622488-1  
LR1 1% 47K



TE Part #2350398-4  
4 POS SPRING TB PLUG, PITCH 3.50



TE Part #5069894005  
CGPT-38/19-0-SP



TE Part #1SNK508411R0000  
ZS4-SF1-T2

## Documents

### Product Drawings

[PLUG HE14 IDC 180 3 P AWG 28-26](#)

English

### CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_281786-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_281786-3\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_281786-3\\_C.2d\\_dxf.zip](#)

English

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



---

**Product Specifications**

**Application Specification**

English

---

**Product Environmental Compliance**

**Product Compliance**

English

**Product Compliance**

English