

281711-4 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 281711-4

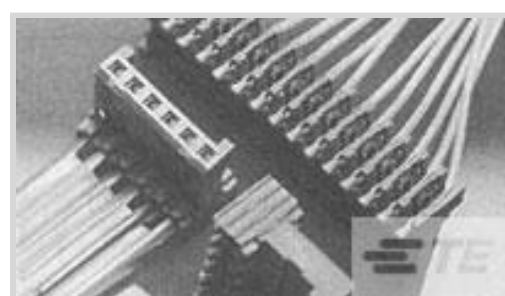
Connector Assembly, Receptacle, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Insulation Displacement (IDC), 1 Row, Blue, AMPMODU HE 13/HE 14

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HE13/HE14 IDC Receptacle, SRRA, AWG26



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

[All HE13/HE14 IDC Receptacle, SRRA, AWG26 \(10\)](#)

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 | 4 |
| Number of Rows | 1 |

Electrical Characteristics

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

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] |
| Housing Color | Blue |

Dimensions

| | |
|--|---------------------------|
| Connector Length | 10.96 mm [.431 in] |
| Connector Height | 14.5 mm [.571 in] |
| Accepts Wire Insulation Diameter Range | 1 mm [.039 in] |
| Wire Size | .12 – .15 mm ² |
| 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 | Tube |
|------------------|------|

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: JAN 2018 (181) 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 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 # 281698-4
HEADER HE14 RA 4 P



TE Part # 281695-4
HEADER HE14 STRAIGHT 4 P



TE Part # 734040-1
HE-14 HEAD

Also in the Series | [AMPMODU HE 13/HE 14](#)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(83)

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

Wire-to-Board Connector Contacts(4)

Customers Also Bought

TE Part #3-1415055-1
Force Guided Power Relay, 4 PolesTE Part #3-640621-4
Nylon Tin Plated Receptacle: 2.54mm,
No Mating Alignment, MTA 100TE Part #5749193-2
50 50SR KIT, ST, UKTE Part #1658621-1
10 NOVO MIL/CTR 15DP, LEAD FREETE Part #1393219-6
PE014012

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_281711-4_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281711-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_281711-4_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

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