

144271-5 ✓ ACTIVE

AMPMODU | AMPMODU HE 13/HE 14

TE Internal #: 144271-5

AMPMODU HE 13/HE 14, Connector Assembly, Receptacle, Wire-to-Board, 5 Position, 2.54mm [.1in] Centerline, Insulation

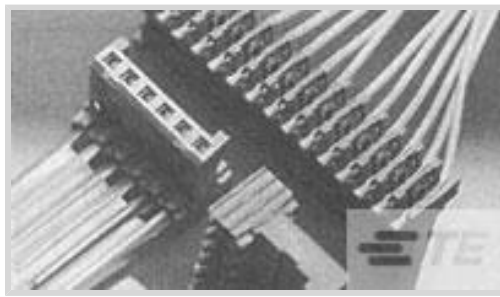
Displacement Crimp (IDC), 1 Row

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

HE13/HE14 IDC Receptacle, SRRA, AWG26



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **5**

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 | 5 |
| 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 Crimp (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 | 10.16 mm [.431 in] |
|------------------|--------------------|

| | |
|------------------|-------------------|
| Connector Height | 14.5 mm [.571 in] |
|------------------|-------------------|

| | |
|--|----------------|
| Accepts Wire Insulation Diameter Range | 1 mm [.039 in] |
|--|----------------|

| | |
|-----------|---------------------|
| Wire Size | .12 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 Quantity | 500 |
|--------------------|-----|

| | |
|------------------|-------------------|
| 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: JAN 2021 (211) Candidate List Declared Against: JUN 2018 (191) 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 # 281695-5
HEADER HE14 STRAIGHT 5 P

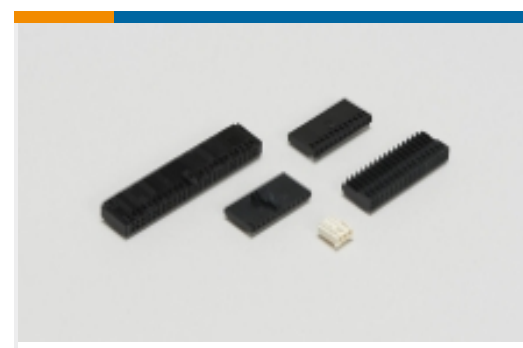


TE Part # 281698-5
HEADER HE14 RA 5 P

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



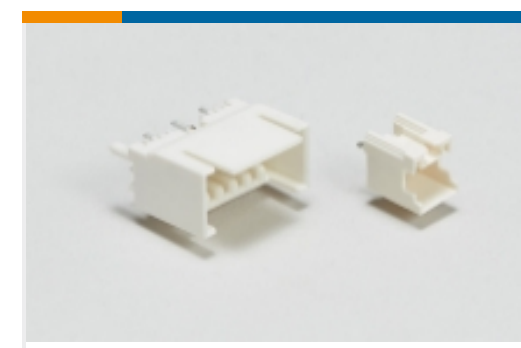
Insertion & Extraction Tools(1)



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

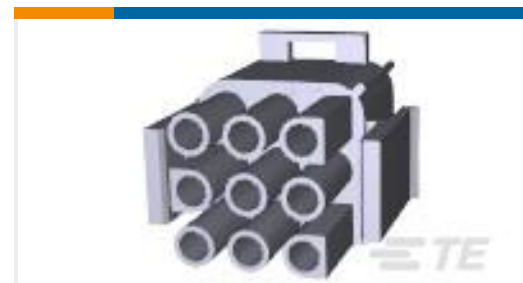


Wire-to-Board Connector Contacts(4)



Wire-to-Board Headers & Receptacles (83)

Customers Also Bought

TE Part #1-480703-0
04P UMNL CAP HSG NATLTE Part #1-480706-0
09P UMNL PLUG HSG NATLTE Part #1-480709-0
12P UMNL CAP HSG NATLTE Part #1-480708-0
12P UMNL PLUG HSG NATLTE Part #1-480704-0
06P UMNL PLUG HSG NATLTE Part #9-1879127-4
RN 0402 523R 0.1% 10PPM CUT
LENGTHTE Part #103148-5
05 MODII HDR SRRA B/A .100CLTE Part #1437581-9
ASE22RG=DPDT AUTO-SLIDETE Part #1622692-1
LR2 1% 160K

Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_144271-5_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_144271-5_D.3d_igs.zip](#)

144271-5

AMPMODU HE 13/HE 14, Connector Assembly, Receptacle, Wire-to-Board, 5
Position, 2.54mm [.1in] Centerline, Insulation Displacement Crimp (IDC), 1 Row



English

Customer View Model

[ENG_CVM_CVM_144271-5_D.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

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