

104895-8 ✓ ACTIVE

AMPMODU | AMPMODU 50/50 Grid

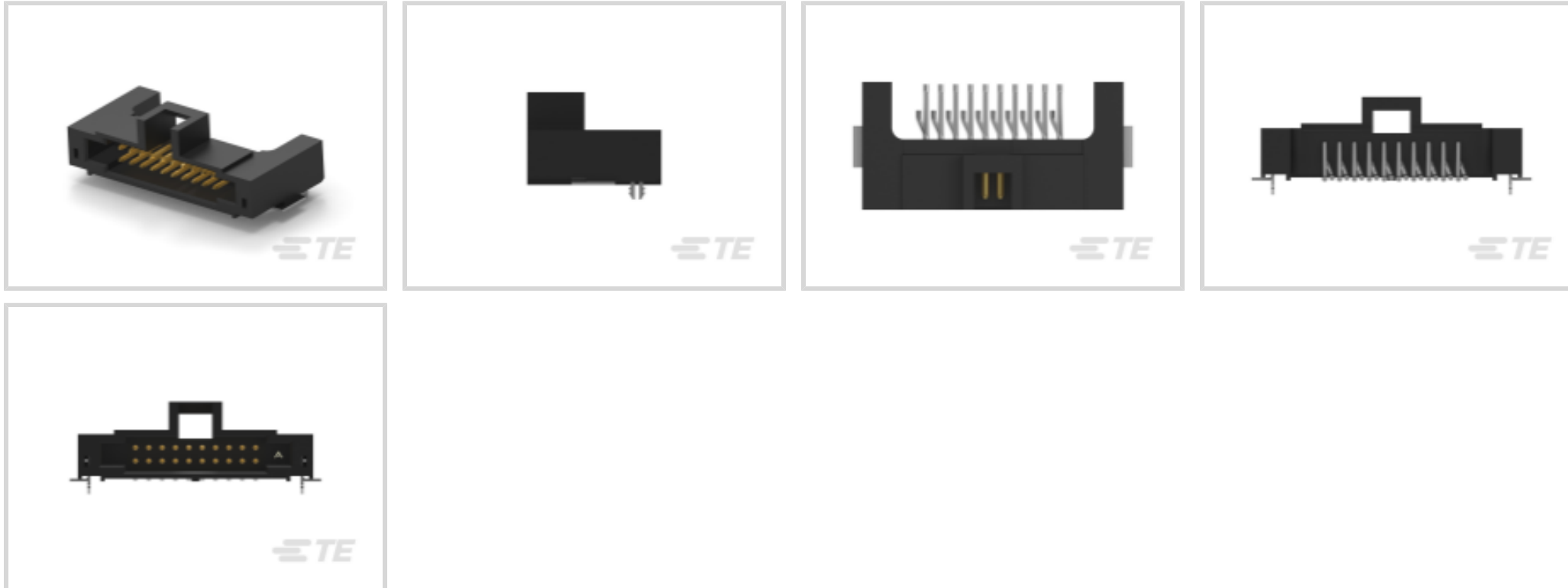
TE Internal #: 104895-8

PCB Mount Header, Right Angle, Board-to-Board, 80 Position, 1.27 mm [.05 in] Centerline, Fully Shrouded, Gold, Surface Mount, AMPMODU 50/50 Grid

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **80**

Number of Rows: **2**

## Features

### Electrical Characteristics

Operating Voltage	30 VAC
-------------------	--------

### Dimensions

Row-to-Row Spacing	1.27 mm [.05 in]
--------------------	------------------

### Packaging Features

Packaging Quantity	8
Packaging Method	Tube, Box

### Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

### Body Features

Connector Profile	Standard
Primary Product Color	Black

### Operation/Application



Solder Process Feature	Board Standoff
------------------------	----------------

Circuit Application	Power & Signal
---------------------	----------------

### Mechanical Attachment

Panel Mount Feature	Without
---------------------	---------

Mating Retention	With
------------------	------

PCB Mount Retention Type	Hold-Down Post
--------------------------	----------------

Mating Alignment Type	Latched
-----------------------	---------

PCB Mount Retention	With
---------------------	------

PCB Mount Alignment	With
---------------------	------

Connector Mounting Type	Board Mount
-------------------------	-------------

Mating Alignment	With
------------------	------

### Contact Features

	150 $\mu$ m
--	-------------

Contact Shape & Form	Square
----------------------	--------

Contact Underplating Material	Nickel
-------------------------------	--------

Contact Base Material	Brass
-----------------------	-------

PCB Contact Termination Area Plating Material	Tin-Lead
---	----------

PCB Contact Termination Area Plating Material Finish	Matte
--	-------

Contact Mating Area Plating Material Finish	Bright
---	--------

Contact Mating Area Plating Material	Gold
--------------------------------------	------

Contact Type	Pin
--------------	-----

Contact Current Rating (Max)	.5 A
------------------------------	------

### Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
------------------	------------------------------

Centerline (Pitch)	1.27 mm [.05 in]
--------------------	------------------

### Configuration Features

Connector Contact Load Condition	Fully Loaded
----------------------------------	--------------

PCB Mount Orientation	Right Angle
-----------------------	-------------

Number of Positions	80
---------------------	----

Number of Rows	2
----------------	---

### Product Type Features

PCB Connector Assembly Type	PCB Mount Header
-----------------------------	------------------



Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Termination Features**

Termination Method to PCB	Surface Mount
---------------------------	---------------

**Usage Conditions**

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
-----------------------------	----------------------------

**Other**

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

**Product Compliance**

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (40% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

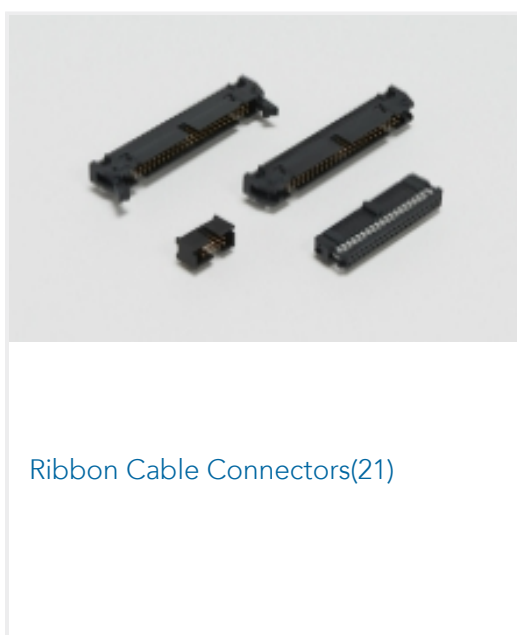
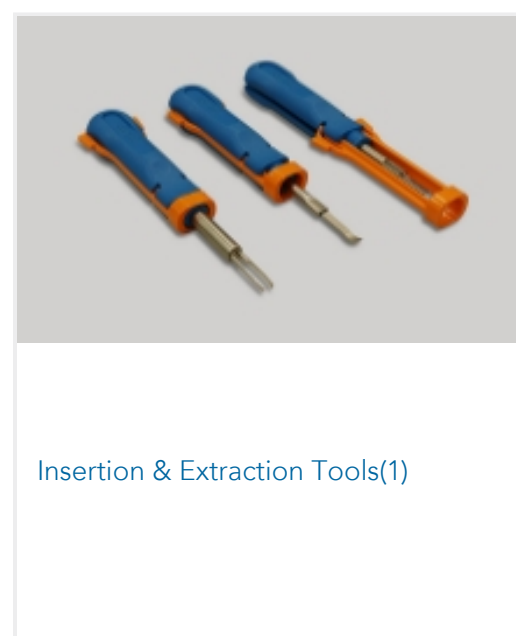
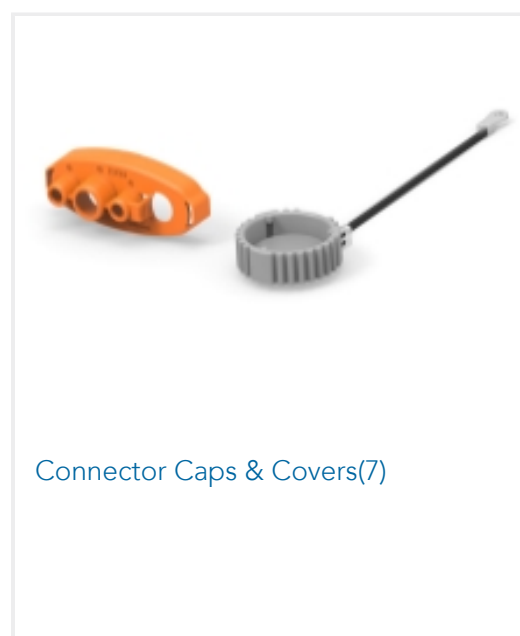
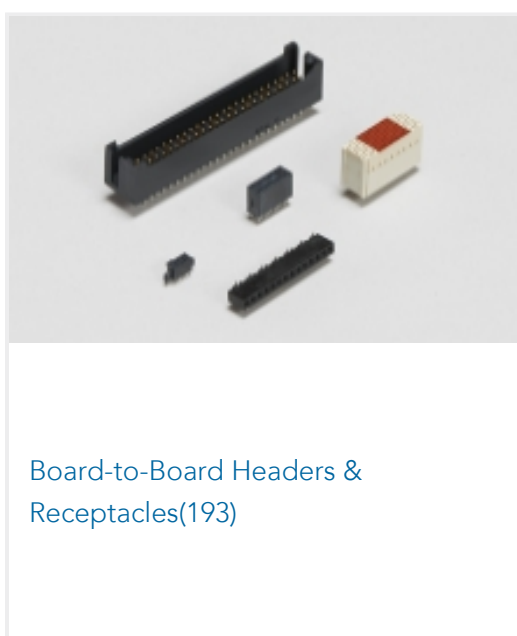
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

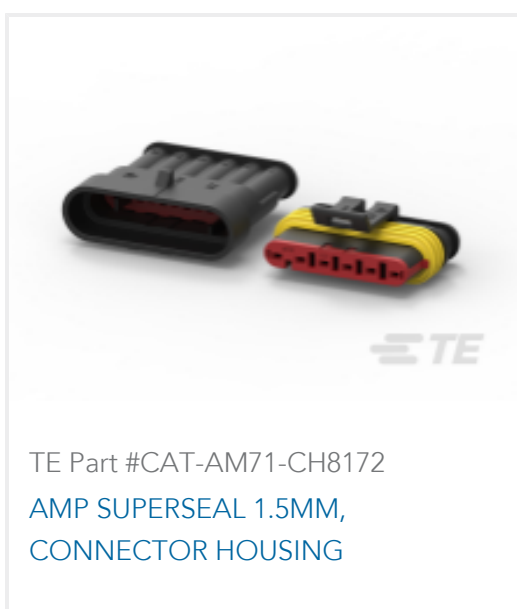
## Compatible Parts

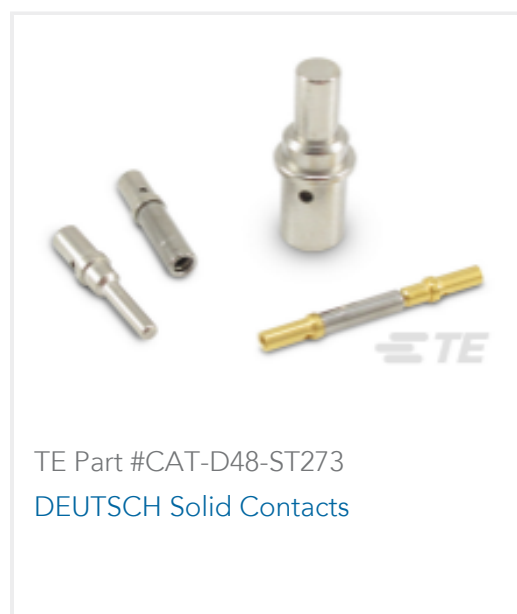


## Also in the Series | AMPMODU 50/50 Grid



## Customers Also Bought





## Documents

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_104895-8\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_104895-8\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_104895-8\\_H.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

### Agency Approvals

#### UL Report

English