

826629-8 Datasheet



<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	826629-8-DG
Manufacturer	TE Connectivity AMP Connectors
Manufacturer Product Number	826629-8
Description	CONN HEADER VERT 8POS 2.54MM
Detailed Description	Connector Header Through Hole 8 position 0.100" (2.54mm)

This model 826629-8 is available at DiGi Electronics.

DiGi Electronics offers a global database of semiconductor and electronic component datasheets.

We welcome your inquiries regarding pricing, lead time, or other product-related questions.

 [Request a Quote](#)

 [Datasheet Search](#)



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.

Purchase and inquiry

Manufacturer Product Number:

826629-8

Series:

AMPMODU Mod II

Connector Type:

Header, Breakaway

Pitch - Mating:

0.100" (2.54mm)

Number of Rows:

1

Number of Positions Loaded:

All

Shrouding:

Unshrouded

Termination:

Solder

Contact Length - Mating:

0.264" (6.70mm)

Overall Contact Length:

0.500" (12.70mm)

Contact Shape:

Square

Contact Finish Thickness - Mating:

3.90µin (0.099µm)

Contact Material:

Brass

Features:

-

Ingress Protection:

-

Insulation Color:

Green

Voltage Rating:

-

Contact Finish Thickness - Post:

118.1µin (3.00µm)

Base Product Number:

826629

Manufacturer:

TE Connectivity AMP Connectors

Product Status:

Active

Contact Type:

Male Pin

Number of Positions:

8

Row Spacing - Mating:

-

Style:

Board to Board or Cable

Mounting Type:

Through Hole

Fastening Type:

Push-Pull

Contact Length - Post:

0.126" (3.20mm)

Insulation Height:

0.110" (2.79mm)

Contact Finish - Mating:

Gold

Contact Finish - Post:

Tin

Insulation Material:

Polybutylene Terephthalate (PBT)

Operating Temperature:

-65°C ~ 105°C

Material Flammability Rating:

UL94 V-0

Current Rating (Amps):

5A

Mated Stacking Heights:

-

Applications:

-

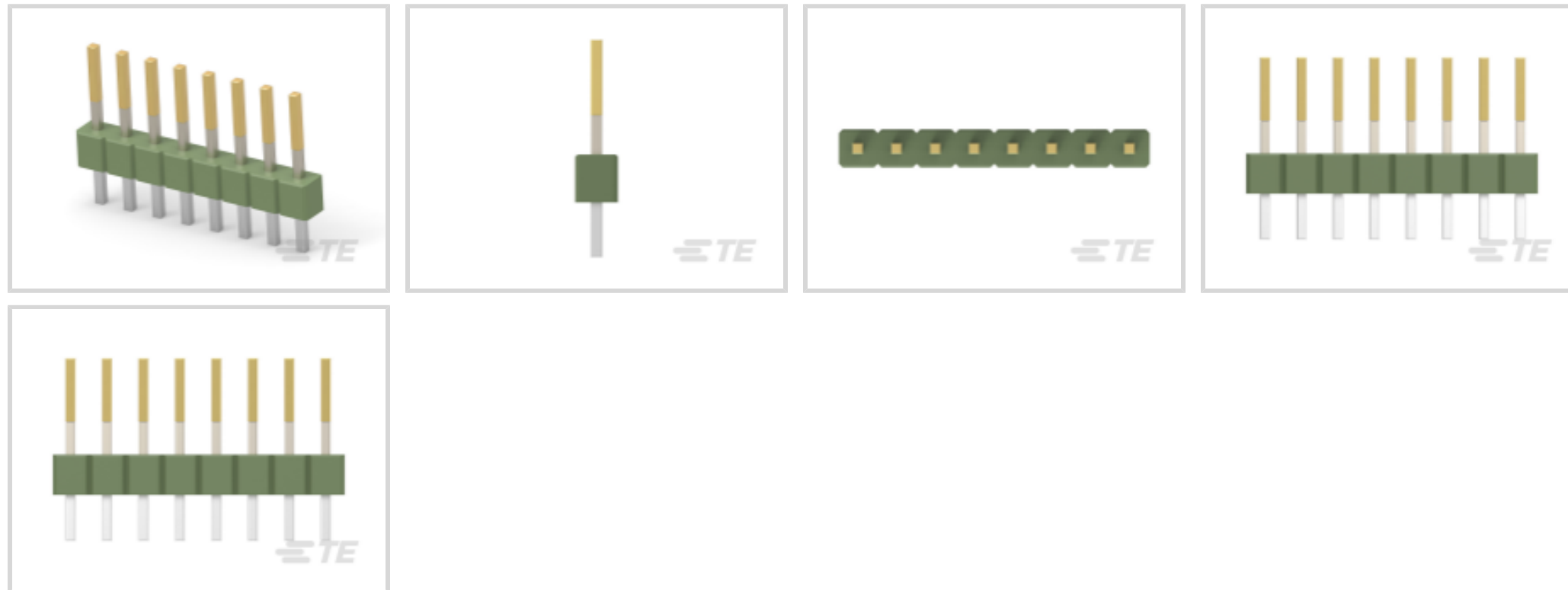
826629-8 ✓ ACTIVE[AMPMODU](#) | [AMPMODU Headers](#)

TE Internal #: 826629-8

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Breakaway, AMPMODU Headers

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Header**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **8**Number of Rows: **1**

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
-----------------------	---------



Dielectric Withstanding Voltage (Max)	750 Vrms
---------------------------------------	----------

Body Features

Primary Product Color	Green
-----------------------	-------

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 μm [31.5 μin]
Mating Square Post Dimension	.63 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 μm
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.63 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
-----------------------------	------------------

Usage Conditions

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

Operation/Application



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

Industry Standards

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

Packaging Features

Packaging Quantity	500
--------------------	-----

Packaging Method	Box
------------------	-----

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
--	--

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
-----------------	--

Solder Process Capability	Wave solder capable to 265°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



PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Breakaway, AMPMODU Headers



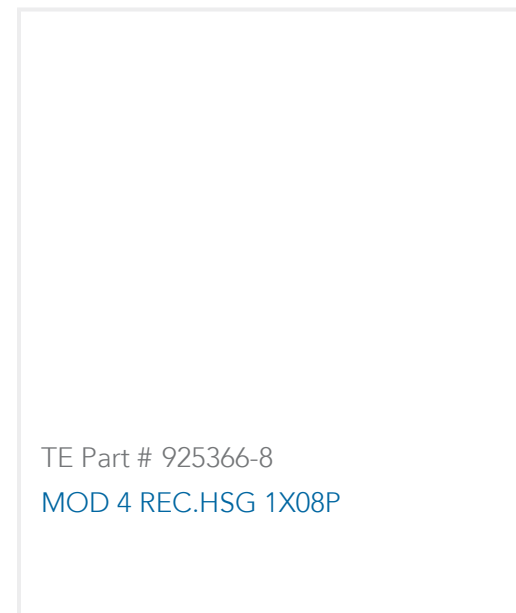
TE Part # 2-215297-7
27P HV100 REC CON. TE, 7.0MM



TE Part # 215297-8
8P HV100 REC CON. TE, 7.0MM



TE Part # 829265-8
8P HV100 REC.CON. B/TE,6,2,NO KINK



TE Part # 925366-8
MOD 4 REC.HSG 1X08P



TE Part # 1241152-8
8P HV100 REC. CON, SMD, GOLD, BLISTER



TE Part # 2-215299-7
27P HV100 REC CON. TE, 8.5MM



TE Part # 215299-8
8P HV100 REC CON. TE, 8.5MM

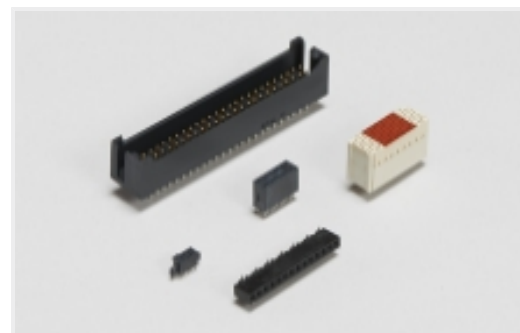


TE Part # 216602-8
8P HV190 FEDERLEIS

Also in the Series | AMPMODU Headers



Automotive Headers(1)



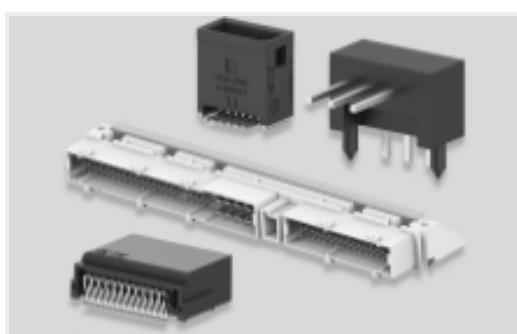
Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



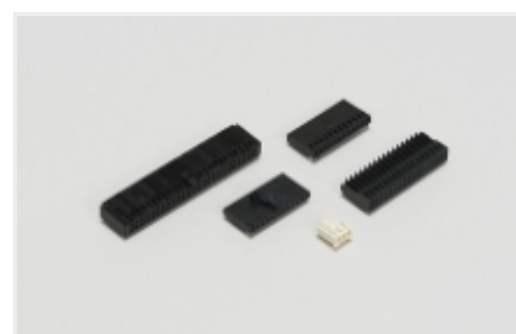
Connector Hardware(1)



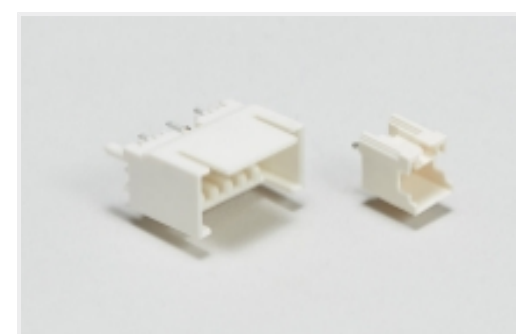
PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #2294417-2
INDUSTRIAL MINI I/O HDR TYPE II EMBOSS



TE Part #826629-6
06P AMPMODU II PIN HDR.



TE Part #7-2176244-3
CRGS0805 5% 1M0



TE Part #1-292227-5
1.5 MINI CT SGL H SMT W BOSS 1



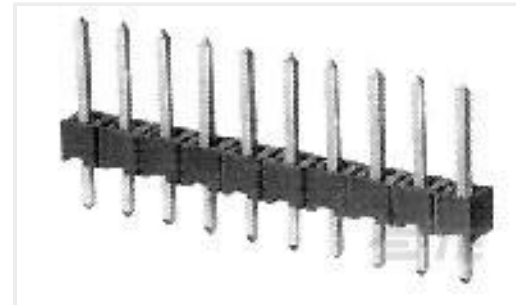
PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.54 mm [.1 in] Centerline,
Breakaway, AMPMODU Headers



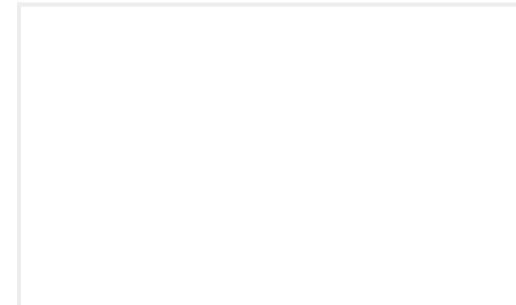
TE Part #2-1625971-4
HSA25 220R 5%



TE Part #454950-E
M12 FEMALE, A CODE, 5P, 17MM
SMT



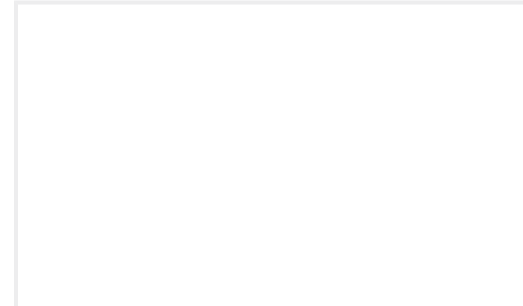
TE Part #826629-3
3P AMPMODU II



TE Part #474698-E
MSPPM 5 F SMDTHR F8 * A V 137 094
KP E00



TE Part #474700-E
MSPPM 5 M SMDTHR M9 * A V 137
094 KP E00



TE Part #2-1981350-0
1.25FP HDR SMT DBL 5 20P O/TAP,
Kapton

Documents

Product Drawings

AMPMODU II HEADER

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_826629-8_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_826629-8_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_826629-8_R.3d_stp.zip](#)

English

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

Agency Approvals

UL Report

English

OUR CERTIFICATE

DiGi provide top-quality products and perfect service for customer worldwide through standardization, technological innovation and continuous improvement. DiGi through third-party certification, we stricly control the quality of products and services. Welcome your RFQ to

Email: Info@DiGi-Electronics.com



Tel: +00 852-30501935

RFQ Email: Info@DiGi-Electronics.com

DiGi is a global authorized distributor of electronic components.