

535542-8 ✓ ACTIVE

AMPMODU | Modu Connector System

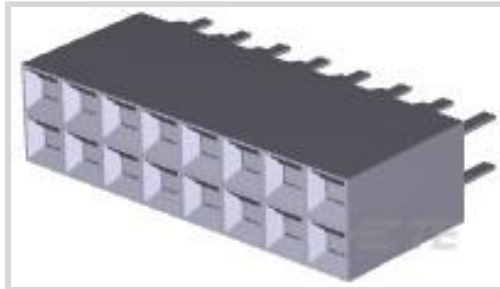
TE Internal #: 535542-8

PCB Mount Receptacle, Vertical, Board-to-Board, 16 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Modu Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Number of Rows: **2**

Features

Electrical Characteristics

Operating Voltage	333 VAC
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC

Dimensions

Row-to-Row Spacing	3.81 mm, 2.54 mm [.15 in]
Stack Height	9.02 mm [.355 in]
PCB Thickness (Recommended)	1.57 mm [.055 – .094 in]
Connector Height	5.03 mm [.198 in]

Packaging Features

Packaging Quantity	28
Packaging Method	Tube, Box

Industry Standards

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

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]

Body Features



Connector Profile	Low
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Primary Product Color	Black
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Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application	Signal
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Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.028 in]
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Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
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Termination Post & Tail Length	3.3 mm[.13 in]
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Termination Method to PCB	Through Hole - Solder
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Contact Features

Contact Mating Area Plating Material Thickness	.762 μ m[30 μ in]
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Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	1.27 μ m
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Contact Shape & Form	Square
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Contact Protection Type	Closed Entry Housing
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Mating Area Plating Material	Gold
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Contact Type	Socket
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Contact Current Rating (Max)	3 A
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Housing Features

Mating Entry Location	Bottom & Top
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Housing Material	Polyester - GF
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Centerline (Pitch)	2.54 mm[.1 in]
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Configuration Features

Board-to-Board Configuration	Parallel
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Stackable	Yes
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PCB Mount Orientation	Vertical
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Number of Positions	16
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Number of Rows	2
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Product Type Features



Applied Pressure	Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Mechanical Attachment

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

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

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	Compliant with Exemptions
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 (13% in Component Part) Article Safe Usage Statements: 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°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

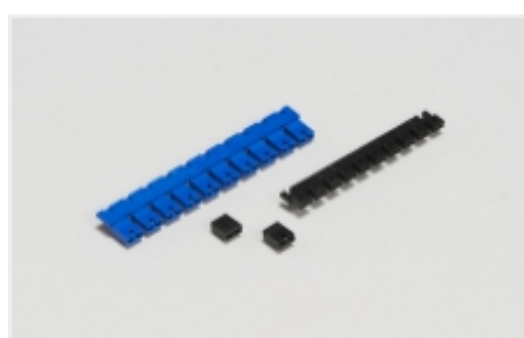


TE Part # 86286-1
KEYING PLUG

Also in the Series | Modu Connector System



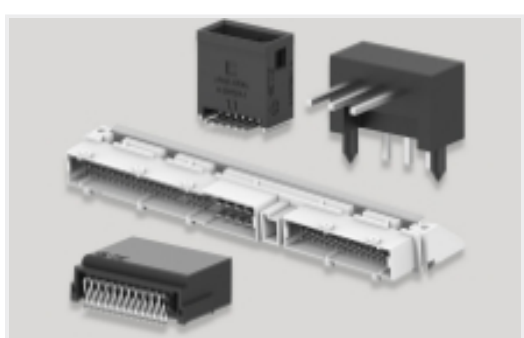
Board-to-Board Headers & Receptacles(814)



Board-to-Board Jumpers & Shunts(5)



Connector Hardware(4)



PCB Headers & Receptacles(814)

Customers Also Bought



TE Part #530347-3
KEY RIVET, BOX CONN



TE Part #102188-1
MOD II KEYING PLUG

Documents

Product Drawings

16 MODIV VRT DR CE 100/130

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_535542-8_W.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_535542-8_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_535542-8_W.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