



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: **36**

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	2.54 mm[.1 in]
Stack Height	2.29 mm[.09 in]
PCB Thickness (Recommended)	1.57 mm[.055 – .094 in]
Connector Height	6.2 mm[.245 in]

Packaging Features

Packaging Quantity	12
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	3.18 mm[.125 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 µm[30 µin]
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Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	3.81 – 7.62 µm
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Contact Shape & Form	Short Point
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Contact Mating Area Length	2.54 mm[.1 in]
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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	36
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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>

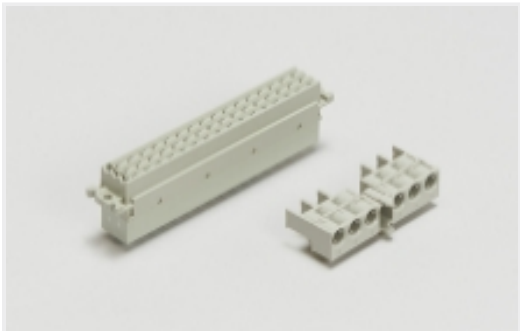
Compatible Parts



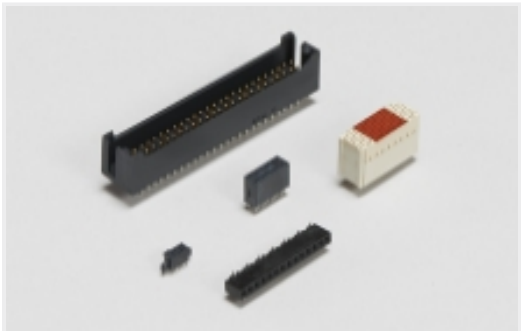
TE Part # 86286-1

KEYING PLUG

Also in the Series | AMPMODU IV/V



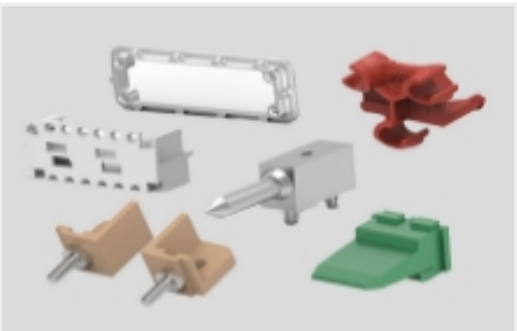
Backplane Connector Housings(1)



Board-to-Board Headers & Receptacles(517)



Connector Contacts(271)



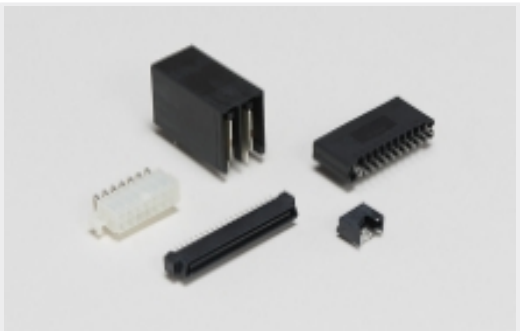
Connector Hardware(11)



Power Contacts(207)



Rectangular Connector Housings(5)

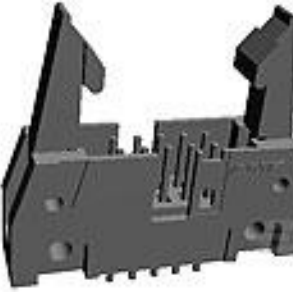


Standard Rectangular Connectors(3)



Wire-to-Board Connector Assemblies & Housings(394)

Customers Also Bought



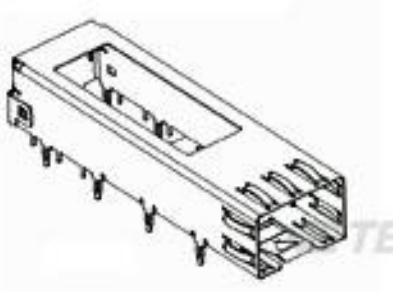
TE Part #5499922-6

A/L UNIV HDR 26P VERT LG LAT



TE Part #5747844-5

09 MSFL RCPT RA 318 (SL,FM,BL)



TE Part #2227316-1

DWDM Cage Assembly, 11 PF



TE Part #5-532955-5

30 MODII 2PC CE RCPT ASSY, RoHS



TE Part #1367646-4
Heatsink clip Stamped and Form

TE Part #2319764-4
E STACK PIANO 8P G LONG TUBE PD ON

TE Part #1-2176308-3
RP 1E 0.1W 178K 0.1% 25PPM 5K RL

TE Part #1829904-3
HEAT SINK SFP DWDM 6.5mm TALL

TE Part #4-1437514-3
322-HCS6P2-100=HOLT CNT SKT RE

TE Part #532955-9
60 MODII 2PC CE RCPT ASSY

Documents

Product Drawings

36 MODIV VRT DR OE 100/125

English

CAD Files

Customer View Model

ENG_CVM_1-534267-5_AB.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_1-534267-5_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_1-534267-5_AB.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