

532434-5 ✓ ACTIVE

AMP-HDI

TE Internal #: 532434-5

PCB Mount Receptacle, Right Angle, Board-to-Board, 160 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Natural, Tube

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **160**

Number of Rows: **4**

Features

Electrical Characteristics

Insulation Resistance	4 MΩ
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Dimensions

Connector Height	11.68 mm [.46 in]
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Packaging Features

Packaging Quantity	4
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Packaging Method	Tube
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Usage Conditions

Housing Temperature Rating	High
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Operating Temperature Range	-65 – 125 °C [-85 – 257 °F]
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Operation/Application

Assembly Process Feature	None
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Circuit Application	Signal
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Mechanical Attachment

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

Termination Features

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

	30 μ in
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam
Contact Layout	Matrix
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

Housing Features

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

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	160
Number of Rows	4

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No

Connector & Contact Terminates To

Printed Circuit Board

Body Features

Primary Product Color

Natural

Industry Standards

UL Flammability Rating

UL 94V-0

Other

EU RoHS Compliance

Not Compliant

EU ELV Compliance

Compliant with Exemptions

Product ComplianceFor compliance documentation, visit the product page on [TE.com](https://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: JAN 2022
(223)

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

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Not lead free process capable

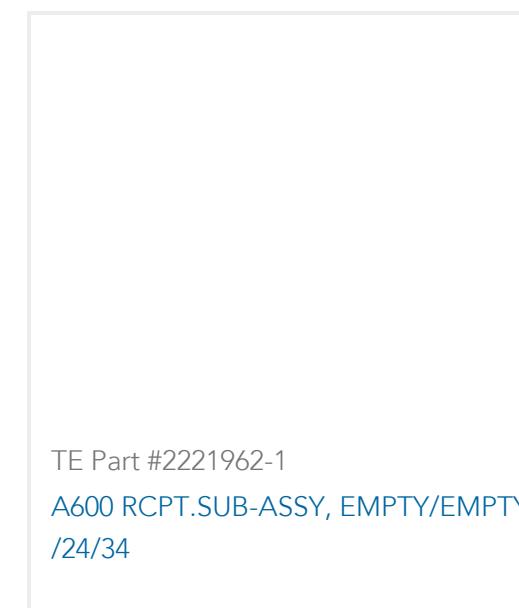
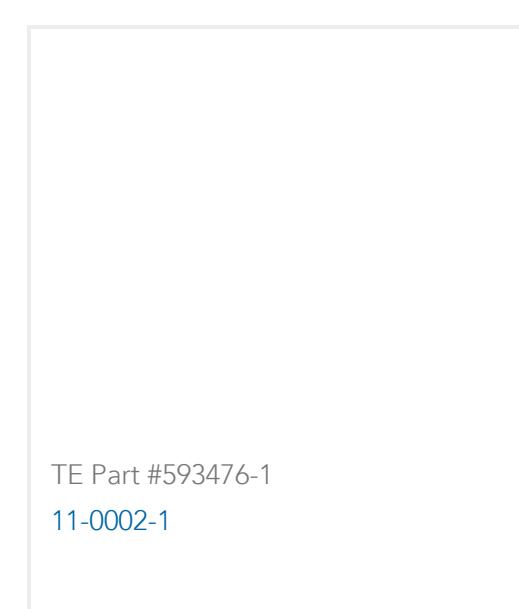
Product Compliance Disclaimer

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 # 533270-5
HDI PIN ASSY 4 ROW 160 POSTE Part # 5532436-5
ASSY,PIN,VERTICAL,HD,LEAD-FRETE Part # 532436-5
HDI PIN ASSY 4 ROW 160 POSTE Part # 532448-5
HDI PIN ASSY 4 ROW 160 POSTE Part # 533286-5
HDI PIN ASSY 4 ROW 160 POS R/A

Customers Also Bought

TE Part #1617146-3
JMGACD-12M = M39016/18-034MTE Part #3-1617548-9
PRMSCD-12Y=PRMSD COTS .100 GRITE Part #2-1617088-4
3SAM6015M2 = RELAYTE Part #2221962-1
A600 RCPT.SUB-ASSY, EMPTY/EMPTY /24/34TE Part #2-1617032-0
HFW1201S189 = HFW 1/2 SIZE RELTE Part #355207N001
RT-1145-OX-14-0-CS6302TE Part #2221823-1
A600, 150 Position Insert AssemblyTE Part #593476-1
11-0002-1TE Part #1-1617817-3
FCA-210-608 DPDT 10AMP MID
RANGE RELAYTE Part #153329N002
RT-1145-OX-17-0-CS6302

Documents

Product Drawings**HDI RECP ASSY 4 ROW 160 POS**

English

CAD Files**3D PDF**

3D

Customer View Model

[ENG_CVM_CVM_532434-5_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_532434-5_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_532434-5_R.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages****1-1773957-5_AMP_HDI_BTB_CONNECTORS_EN**

English

Product Specifications**Application Specification**

English

Instruction Sheets**Instruction Sheet (U.S.)**

English

Agency Approvals**Agency Approval Document**

English