



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **35**

Number of Rows: **5**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Mixed & Hybrid Header | Yes |
| Connector Shape | Rectangular |
| PCB Connector Type | PCB Mount Receptacle |
| Connector System | Board-to-Board |
| Header Type | Fully Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |

Configuration Features

| | |
|------------------------------|-------------------------|
| Number of Loaded Positions | 35 |
| Number of Signal Positions | 25 |
| Number of Power Positions | 10 |
| Board-to-Board Configuration | Parallel, Perpendicular |
| PCB Mount Orientation | Vertical |
| Number of Positions | 35 |
| Number of Rows | 5 |

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|

Body Features



| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|---|-------------------------------|
| Contact Underplating Material | Nickel |
| Contact Underplating Material Thickness | 1.27 µm[50 µin] |
| Contact Mating Area Plating Material Thickness | .08 – .762 µm[3.15 – 30 µin] |
| PCB Contact Termination Area Plating Material Thickness | .5 µm[20 µin] |
| Contact Shape & Form | Single Beam |
| Contact Layout | Matrix |
| Contact Base Material | Copper Alloy, Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material | Gold (Au) |
| Contact Type | Receptacle |
| Contact Current Rating (Max) | 17 A |

Termination Features

| | |
|--------------------------------|---|
| Termination Post & Tail Length | 3.3 mm[.13 in] |
| Termination Method to PCB | Through Hole - Press-Fit, Through Hole - Solder |

Mechanical Attachment

| | |
|--------------------------|---------------|
| Mating Alignment Type | Passive Guide |
| PCB Mount Retention Type | Screw Mount |
| PCB Mount Alignment Type | Screw Mount |
| PCB Mount Retention | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Housing Features

| | |
|--------------------|---------------------------------|
| Housing Material | LCP GF |
| Centerline (Pitch) | 2 mm, 2.75 mm[.079 in][.108 in] |

Dimensions

| | |
|-----------------------------|-------------------------------|
| Row-to-Row Spacing | 1.5 mm, 2 mm[.06 in][.079 in] |
| Connector Width | 11.86 mm[.467 in] |
| PCB Thickness (Recommended) | 1.4 – 2.62 mm[.055 – .103 in] |



| | |
|------------------|--------------------|
| Connector Height | 26.33 mm[1.037 in] |
| Connector Length | 51.74 mm[2.037 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

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

Industry Standards

| | |
|---|-------------------------------|
| Compatible With Agency/Standards Products | CSA |
| UL Rating | Recognized |
| Compatible With Approved Standards Products | UL E28476 |
| Glow Wire Rating | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 24 |
| Packaging Method | Tray |

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: JAN 2025 (247) Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

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 # 2-1926730-5
[AssyMINIPAKHDL25a10pRAplugBdlk](#)

Customers Also Bought

TE Part #2-2013310-1
[EMBOSS TAPE DDR3 204P 9.2H STD](#)

TE Part #1612901-1
[BATTERY BLOCK CONN. REC ASSY 3](#)

TE Part #2-2396234-8
[MRSSV 2.54 BL SD REA 16 SMT GULL T&R](#)

TE Part #3-794619-8
[08P MICRO MNL ASSY,R/A,HDR LF](#)

TE Part #HPP845E031R5
[I.C 21D RH/T B5000](#)

TE Part #2102515-2
[Fortis Zd 2PR EMI Assy RA 93/7 SnPb Tail](#)

TE Part #4-2176337-3
[CRGCQ 0402 33K 1%](#)

TE Part #9-2176307-3
[RP 1E 0.1W 113K 0.1% 25PPM 5K RL](#)

TE Part #1-2293127-1
[42POS,MIXED,HEADER ASSY,REFLOW](#)

TE Part #2057426-3
[IMP100S,H,V2P10C,UG,OEW46,5.5](#)

Documents



Product Drawings

Assy Vert MINIPAK HDL Rcpt 25s

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1892787-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1892787-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1892787-6_A.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