1892787-6 ✓ ACTIVE

MINIPAK

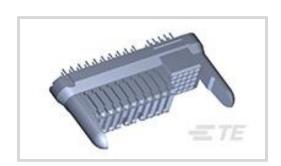
TE Internal #: 1892787-6

PCB Mount Receptacle, Vertical, Board-to-Board, 35 Position, 2 mm / 2.75 mm [.079 in / .108 in] Centerline, Fully Shrouded, Gold (Au)

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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



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

Product Compliance

Packaging Method

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

Tray

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-onreach

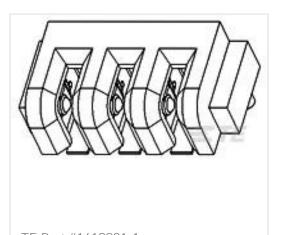
Compatible Parts



Customers Also Bought



EMBOSS TAPE DDR3 204P 9.2H STD



BATTERY BLOCK CONN. REC ASSY 3



TE Part #2-2396234-8 MRSSV 2.54 BL SD REA 16 SMT GULL







TE Part #HPP845E031R5 I.C 21D RH/T B5000



TE Part #2102515-2 Fortis Zd 2PR EMI Assy RA 93/7 SnPb



TE Part #4-2176337-3







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

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Product Specifications

Application Specification

English