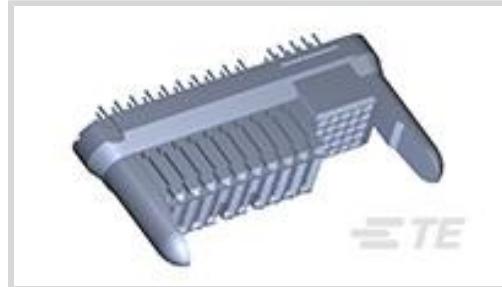


1892787-6 ✓ ACTIVE**MINIPAK**

TE Internal #: 1892787-6

Rectangular Power Connectors, Header, Receptacle, Board-to-Board, 85 Position, 7.5 mm / 2.5 mm [.079 in / .108 in] Centerline, Printed Circuit Board

[View on TE.com >](#)[Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors](#)Rectangular Power Connector Type: **Header**Connector & Housing Type: **Receptacle**Connector System: **Board-to-Board**Number of Positions: **85**Centerline (Pitch): **2.5 mm, 7.5 mm [.079 in, .108 in]****Features****Product Type Features**

Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions by Circuit Application	25/Signal, 10/DC Power
Number of Positions	85
PCB Mount Orientation	Vertical
Number of Power Positions	10
Number of Signal Positions	25
Number of Rows	5

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.5 µm[20 µin]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material	Gold

Contact Shape & Form	Single Beam
Contact Underplating Material	Nickel
Contact Base Material	Copper
Contact Current Rating (Max)	16 A, 17 A
Contact Retention Within Housing	With
Contact Type	Receptacle
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3 µm, 30 µm [.08 µin] [.76 µin]

Termination Features

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

Mechanical Attachment

PCB Mount Alignment Type	Screw Mount
Mating Alignment Type	Passive Guide
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Screw Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.5 mm, 7.5 mm [.079 in] [.108 in]
Housing Color	Black
Housing Material	Thermoplastic

Dimensions

Connector Height	26.33 mm [1.037 in]
PCB Thickness (Recommended)	.06 mm [1.4 in]
Product Width	11.35 mm [.447 in]
Product Length	51.74 mm [2.037 in]
Row-to-Row Spacing	2 mm [.079 in]

Usage Conditions

Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Operation/Application

Circuit Application

Power & Signal

Industry Standards

CSA Rating

Certified

UL Rating

Recognized

Compatible With Agency/Standards Products

CSA

Compatible With Approved Standards Products

UL E28476

UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features

Packaging Method

Box

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://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 2024

(240)

Candidate List Declared Against: JAN 2024

(240)

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



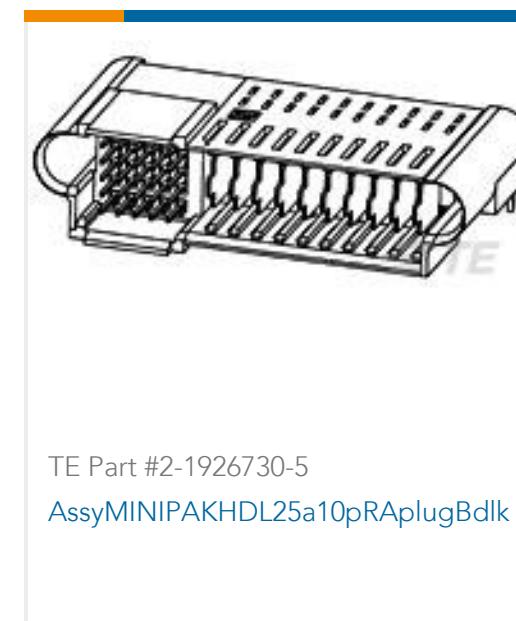
TE Part #6345235-1
Z-PACK A HEADER 132P



TE Part #2-1825011-1
ASF4204=4PDT AUTOSLIDE



TE Part #2-1761713-3
IDC LOW PRO HDR 10P VERT SHT L



TE Part #2-1926730-5
AssyMINIPAKHDL25a10pRAplugBdlk



TE Part #640385-4
04P MTA156 HDR ASSY SQ R/A



TE Part #1879417-1
CPF0603 510K 0.1% 25PPM 5K RL



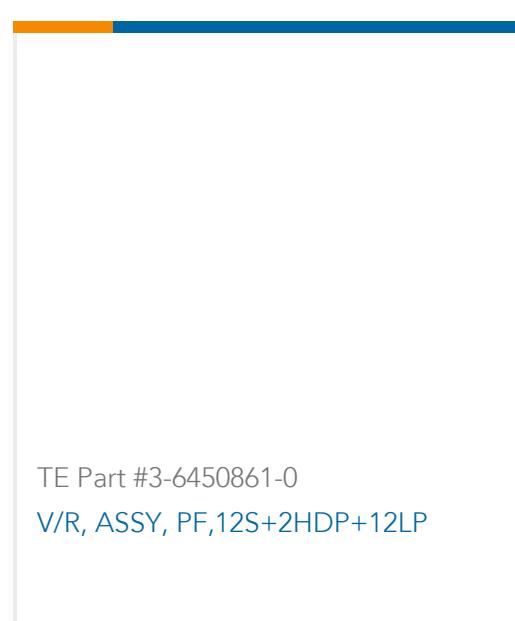
TE Part #9-2176307-1
RP 1E 0.1W 107K 0.1% 25PPM 5K RL



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



TE Part #9-1462038-8
IM02DGR=IM RELAY 140mW 4.5V



TE Part #3-6450861-0
V/R, ASSY, PF,12S+2HDP+12LP

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