

## MINIPAK

TE Internal #: 1926736-2

Rectangular Power Connectors, Header, Plug, Board-to-Board, 85

Position, 2 mm / 2.75 mm [.079 in / .108 in] Centerline, Printed

Circuit Board

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Connectors &gt; Power Connectors &gt; Rectangular Power &gt; Rectangular Power Connectors

Rectangular Power Connector Type: **Header**Connector & Housing Type: **Plug**Connector System: **Board-to-Board**Number of Positions: **85**Centerline (Pitch): **2 mm, 2.75 mm [.079 in, .108 in]**

## Features

### Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
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
Mating & Unmating Configuration	Make First / Break Last
Number of Positions	85
PCB Mount Orientation	Right Angle
Number of Power Positions	10
Number of Signal Positions	25
Number of Rows	5
Board-to-Board Configuration	Co-Planar

### 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	Blade, Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3 µm, 30 µm[.08 µin][.76 - .83 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 mm, 2.75 mm[.079 in][.108 in]
Housing Color	Black
Housing Material	Thermoplastic

#### Dimensions

Connector Height	8 mm[.315 in]
PCB Thickness (Recommended)	.06 mm[1.4 in]
Product Width	26.5 mm[1.043 in]
Product Length	51.71 mm[2.04 in]

Row-to-Row Spacing	2 mm [.079 in]
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#### Usage Conditions

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

Circuit Application	Power & Signal
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#### 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
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#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # 2-1926739-5  
AssyMinipak Hdl25s10pRARecptSc

## Customers Also Bought



TE Part # 2343522-7  
SFP56 STACKED 2X2 RECEPTACLE ASSEMBLY



TE Part # 2-1926739-5  
AssyMinipak Hdl25s10pRARecptSc



TE Part # 6339488-1  
VERTICAL BATTERY CONNECTOR ASSY



TE Part # 1-6600132-0  
MBXL R/A HDR DB 1P+16S+1P



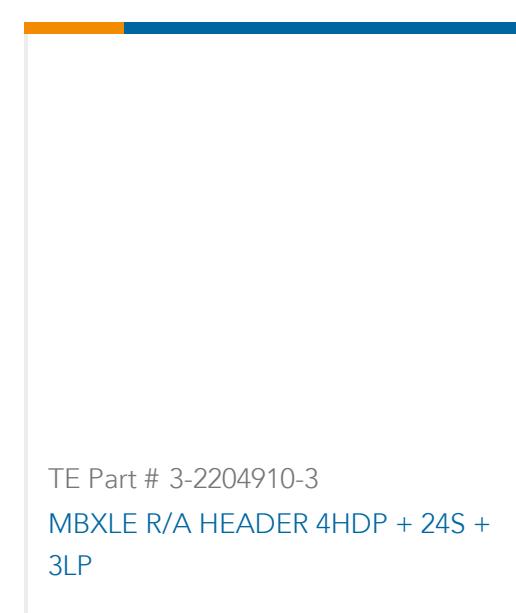
TE Part # 2204080-1  
PLUGGABLE BUSBAR FOR 3MM BOARD



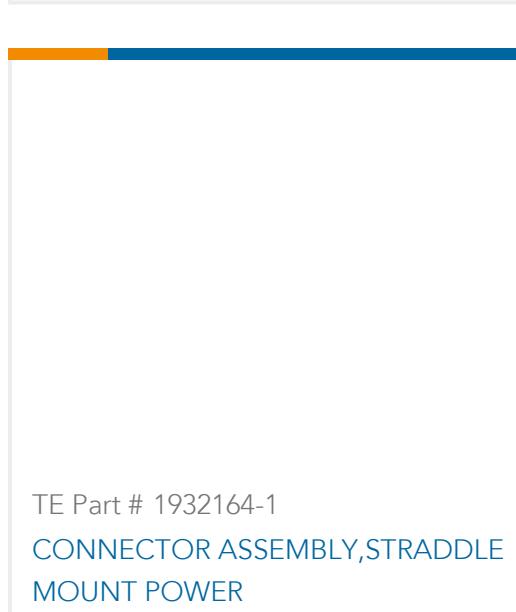
TE Part # 1-84533-6  
1.25MM FFC POST PLATED H 16P



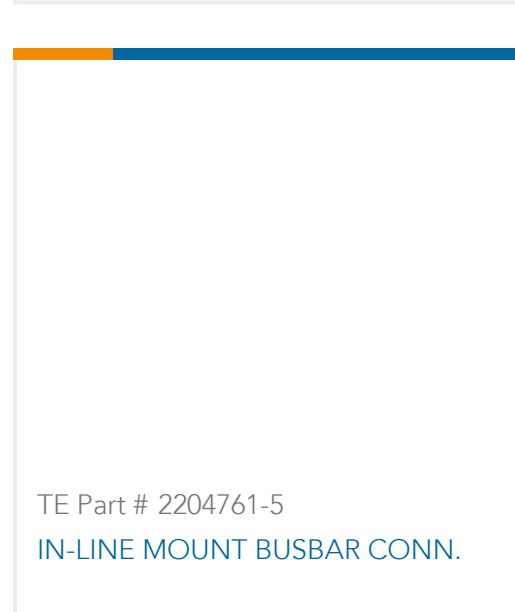
TE Part # NB19924001  
VERSAFIT-1/16-0-SP-SM



TE Part # 3-2204910-3  
MBXLE R/A HEADER 4HDP + 24S + 3LP



TE Part # 1932164-1  
CONNECTOR ASSEMBLY,STRADDLE MOUNT POWER



TE Part # 2204761-5  
IN-LINE MOUNT BUSBAR CONN.

## Documents

### Product Drawings

MiniPAK HDL, 25s10p, RA Plug,

English

**CAD Files****Customer View Model**[ENG\\_CVM\\_CVM\\_1926736-2\\_C.2d\\_dxf.zip](#)

English

**3D PDF**

3D

**Customer View Model**[ENG\\_CVM\\_CVM\\_1926736-2\\_C.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_CVM\\_1926736-2\\_C.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[2\\_PIECE\\_POWER\\_CONNECTORS\\_qrg\\_4-1773458-1](#)

English

**Product Specifications**[Application Specification](#)

English