

1926736-3 ✓ ACTIVE

## MINIPAK

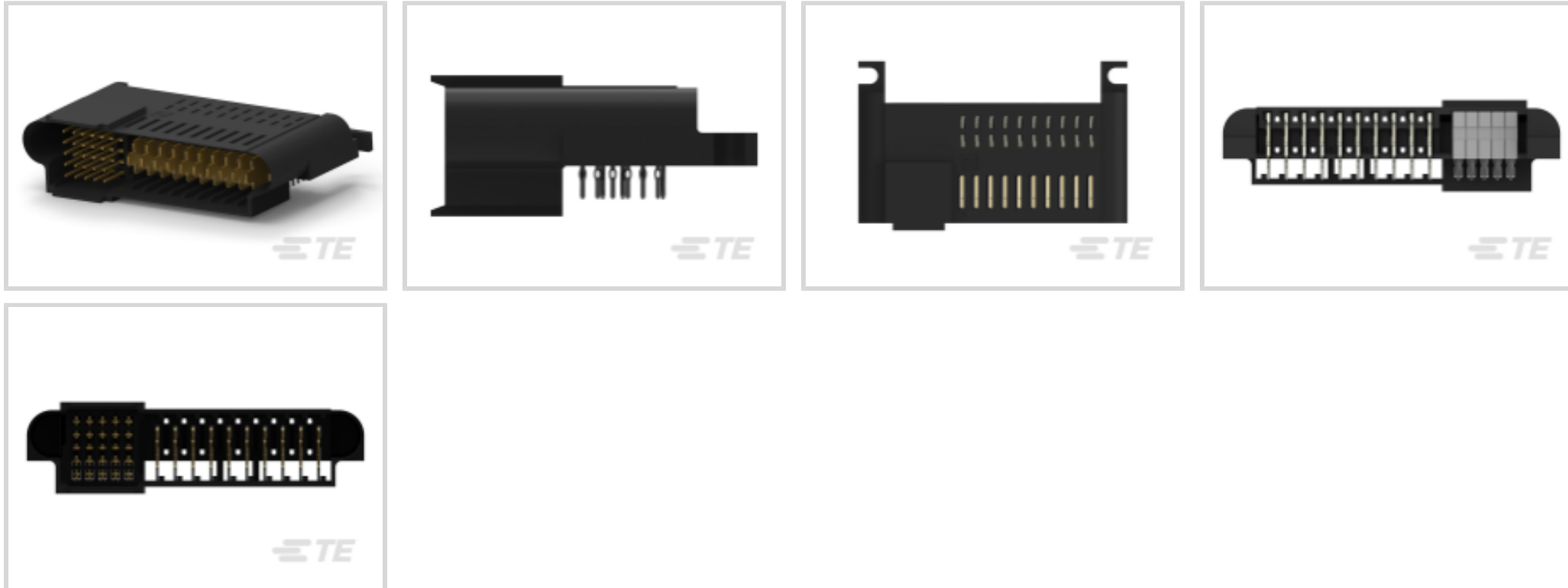
TE Internal #: 1926736-3

Rectangular Power Connectors, Header, Plug, Board-to-Board, 85  
Position, .079 in / .108 in [2.75 mm / 2 mm] Centerline, Printed  
Circuit Board

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > 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

### Contact Features

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 Gold

Contact Mating Area Plating Material Thickness 3  $\mu\text{m}$ , 30  $\mu\text{m}$  [.08  $\mu\text{in}$ ] [.76 – .84  $\mu\text{in}$ ]

Underplate Material Thickness 1.27  $\mu\text{m}$  [50  $\mu\text{in}$ ]

Contact Termination Area Plating Thickness .5  $\mu\text{m}$  [20  $\mu\text{in}$ ]

### 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 Alignment With

PCB Mount Alignment With

PCB Mount Retention With

PCB Mount Retention Type Screw Mount

Connector Mounting Type Board Mount

Mating Retention Without

### Housing Features

Centerline (Pitch) 2 mm, 2.75 mm [.079 in] [.108 in]

Housing Color Black

Housing Material Thermoplastic

### Dimensions



Row-to-Row Spacing	2 mm[.079 in]
PCB Thickness (Recommended)	.06 mm[1.4 in]
Width	26.5 mm[1.043 in]
Height	8 mm[.315 in]
Length	51.71 mm[2.04 in]

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

CSA Rating	Certified
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA
UL Rating	Recognized

### Packaging Features

Packaging Method	Box
------------------	-----

### 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

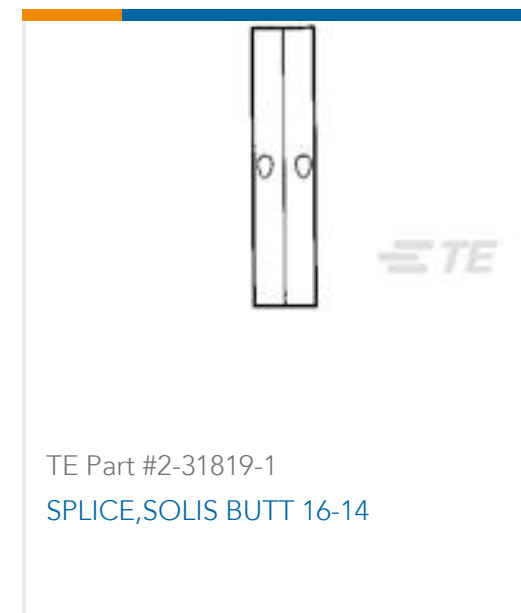
Product Compliance Disclaimer

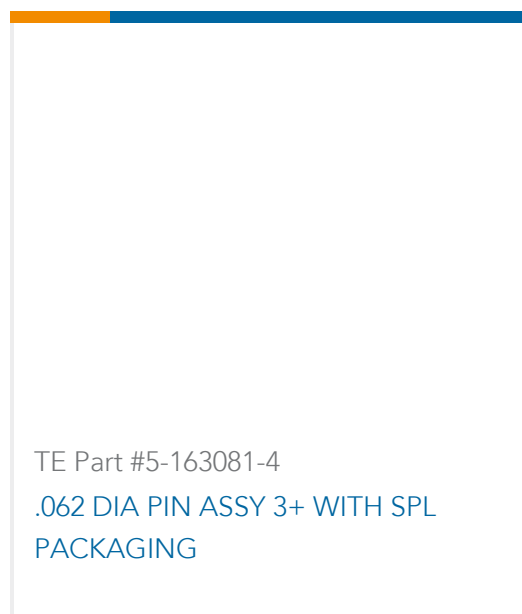
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Customers Also Bought





## Documents

### Product Drawings

MiniPAK HDL, 25s10p, RA Plug,

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1926736-3\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1926736-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1926736-3\\_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

### Product Environmental Compliance

[TE Material Declaration](#)

English