

## MINIPAK

TE Part # 2-1926739-5

TE Internal #: 2-1926739-5

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Receptacle**

Housing Type: **Receptacle**

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

Number of Positions: **85**

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

## Features

### Product Type Features

Product Type	Receptacle
Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Socket

### Configuration Features

Connector Circuit Configuration (Number of Pos/Type)	25/Signal, 10/DC Power
Number of Positions	85
PCB Mount Orientation	Right Angle
Number of Power Positions	10
Number of Signal Positions	25
Number of Rows	5
Row-to-Row Spacing	.079 mm[2 in]
Board-to-Board Configuration	Co-Planar

### Electrical Characteristics

Operating Voltage	250 VDC
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### Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Copper
Contact Current Rating (Max)	17 A
Contact Retention	With
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.76 $\mu\text{m}$ [30 $\mu\text{in}$ ]
Contact Design	Single Beam
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]
UL Flammability Rating	UL 94V-0
Housing Color	Black
Housing Material	Thermoplastic

### Dimensions

PCB Thickness (Recommended)	.055 mm[1.4 in]
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Width	36.5 mm[1.437 in]
Height	8 mm[.315 in]
Length	51.74 mm[2.037 in]

**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
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	CSA
UL Rating	Recognized

**Packaging Features**

Packaging Method	Box
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**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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Customers Also Bought



TE Part #5223957-1  
UPM GUIDE MODULE



TE Part #1892787-6  
Assy Vert MINIPAK HDL  
Rcpt 25s



TE Part #2057631-1  
CFP Receptacle Cover Assy



TE Part #2057629-1  
CFP Module Conn Assy



TE Part #5223986-1  
UPM KEYED GUIDE  
MODULE



TE Part #2057592-2  
CFP Guide Rail



TE Part #1554653-1  
SOCKET ASSY LGA2011,  
0.38Au



TE Part #1926736-3  
MiniPAK HDL, 25s10p, RA  
Plug,



TE Part #1551920-2  
zQSFP+ connector  
assembly



TE Part #2110819-1  
QSFP+ Enh EVERCLEAR  
PT Conn

## Documents

### Product Drawings

[AssyMinipak Hdl25s10pRARecptSc](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1926739-5\\_2\\_c-2-1926739-5-2.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1926739-5\\_2\\_c-2-1926739-5-2.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1926739-5\\_2\\_c-2-1926739-5-2.3d\\_stp.zip](#)

English

[3D PDF](#)

3D

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_2-1926739-5\\_022420192316\\_dmtec](#)

English

[MD\\_2-1926739-5\\_022420192316\\_dmtec](#)

English