

5-1735480-2 ✓ ACTIVE



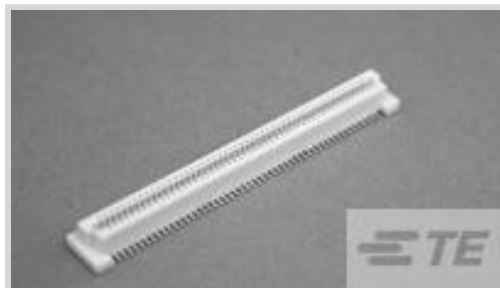
### Free Height

TE Internal #: 5-1735480-2

PCB Mount Receptacle, Vertical, Board-to-Board, 60 Position, .8 mm [.031 in] Centerline, Gold, Surface Mount, Signal, Natural, Box / Tube, Free Height

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Free Height Receptacle Conn: Board-Board, Vertical, 60, 0.8mm



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

[All Free Height Receptacle Conn: Board-Board, Vertical, 60, 0.8mm \(23\)](#)

## Features

### Packaging Features

	.5 in
Packaging Quantity	16
Packaging Method	Tube, Box

### Contact Features

	8 $\mu$ m
PCB Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	.4 mm[.016 in]
PCB Contact Termination Area Plating Material Thickness	2 $\mu$ m[78.74 $\mu$ m]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Mating Tab Thickness	.2 mm[.008 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	.5 A

### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

### Product Type Features

PCB Connector Assembly Type

PCB Mount Receptacle

Connector System

Board-to-Board

Sealable

No

Connector &amp; Contact Terminates To

Printed Circuit Board

### Configuration Features

Board-to-Board Configuration

Parallel

Stackable

Yes

PCB Mount Orientation

Vertical

Number of Positions

60

### Electrical Characteristics

Operating Voltage

100 VAC

Insulation Resistance

2 MΩ

Dielectric Withstanding Voltage (Max)

500 VAC

### Body Features

Primary Product Color

Natural

### Termination Features

Rectangular Termination Post &amp; Tail Width

.3 mm[.012 in]

Rectangular Termination Post &amp; Tail Thickness

.2 mm[.008 in]

Termination Method to PCB

Surface Mount

### Mechanical Attachment

Mounting Alignment Feature Length

.5 mm[.02 in]

Mating Alignment Type

Polarized

PCB Mount Alignment Type

Positioning Bosses

PCB Mount Retention

Without

PCB Mount Alignment

With

Connector Mounting Type

Board Mount

Mating Alignment

With

### Housing Features

Mating Entry Location

Top

Housing Material

Matte



Centerline (Pitch)	.8 mm [.031 in]
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### Dimensions

Stack Height	18 mm, 20 mm, 19 mm, 17 mm [.669 in][.748 in][.709 in][.787 in]
Connector Height	17 mm [.669 in]

### Usage Conditions

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

### Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Reflow solder capable to 260°C

#### Product Compliance Disclaimer

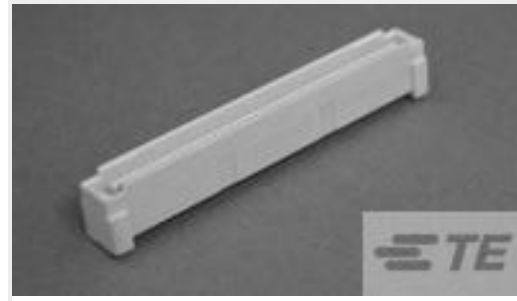
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

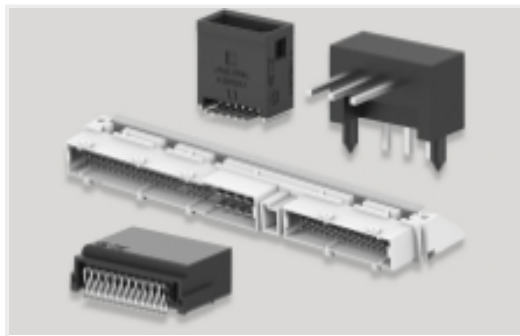


TE Part # CAT-313-PCB60  
Free Height Plug Connector: Board-Board, Vertical, 60, 0.8mm



TE Part # 6123001-2  
0.8FH,P08H.5,060,30/Sn,TR,SC

## Also in the Series | Free Height



PCB Headers & Receptacles(751)

## Customers Also Bought



TE Part #5177984-2  
Free Height Plug Connector: Board-Board, Vertical, 60, 0.8mm



TE Part #5-5179180-2  
0.8FH,R09H.5,060,08/Sn,TR,SC



TE Part #440052-4  
2.5MM,HDR,4POS,VERTICAL,CONNECTOR



TE Part #6-1971876-7  
PTL 3X5 PLUG HSG HIGH TEMP KEY B RED



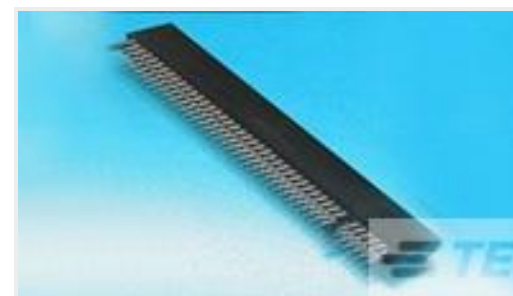
TE Part #3-641207-4  
04P MTA156 HDR ASSY FL RA LF



TE Part #L9000269-01  
SMA Jack 50 Ohm .062 PCB Edge Mount



TE Part #2183833001  
55A0811-24-4



TE Part #2-5530843-2  
CONN SEC II 50 POS 100C/L

## Documents

[Product Drawings](#)  
0.8FH,R17H.5,060,08/Sn,TU



English

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**CAD Files**

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1735480-2\\_A.2d\\_dxf.zip](#)

English

**3D PDF**

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1735480-2\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1735480-2\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Product Specifications**

Product Specification

English

Product Specification

English