

5179010-1 ✓ ACTIVE



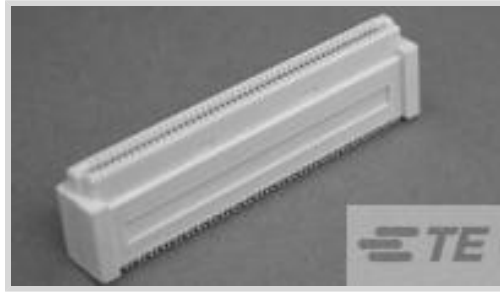
Free Height

TE Internal #: 5179010-1

PCB Mount Receptacle, Vertical, Board-to-Board, 40 Position, .8 mm Centerline, Gold, Surface Mount, Signal, White, Free Height

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Free Height Receptacle Conn: Board-Board, Vertical, 40, 0.8mm



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **40**

Centerline (Pitch): **.8 mm**

[All Free Height Receptacle Conn: Board-Board, Vertical, 40, 0.8mm \(23\)](#)

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	40
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	White
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Contact Features

Contact Mating Area Plating Material	Gold
	8 μ m
Contact Type	Receptacle
Contact Current Rating (Max)	.8 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Alignment Type	Housing Peg
Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.8 mm
Housing Material	LCP

Dimensions

Stack Height	5 mm
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Tape & Reel
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

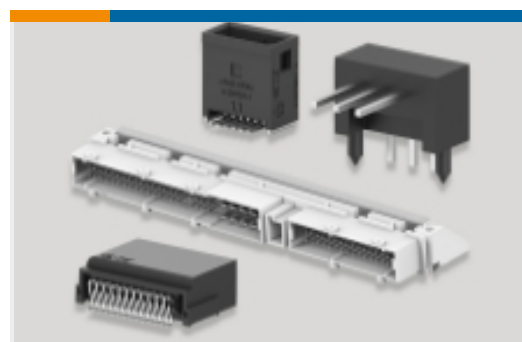


TE Part # CAT-313-PCB40
Free Height Plug Connector: Board-Board, Vertical, 40, 0.8mm



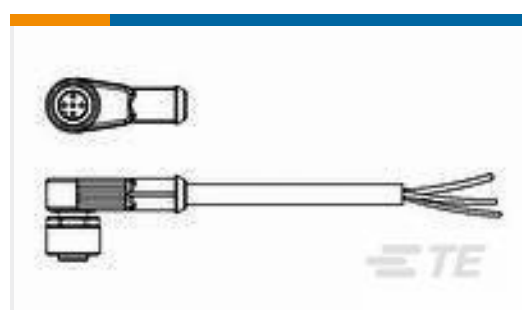
TE Part # 8-5177986-1
0.8FH,P05H.5,040,03/SN,TR,SC

Also in the Series | Free Height



PCB Headers & Receptacles(760)

Customers Also Bought



TE Part #1-2273012-1
M8 x 1.0 Angled socket Pigtail LED



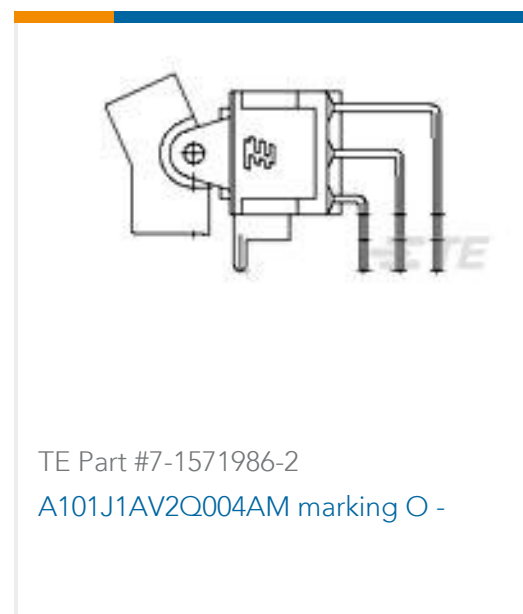
TE Part #1379700-2
4W TH HEADER ASSY GREY



TE Part #1721767-5
PCH-112D2M-WG



TE Part #1622728-1
LR2 1% 300K



Documents

Product Drawings

[0.8FH,R13H.8,040,08/Sn,TU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5179010-1_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5179010-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5179010-1_O.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English