

179096-1 ✓ ACTIVE

Multilock Connector System

TE Internal #: 179096-1

PCB Mount Header, Horizontal, Wire-to-Board, 8 Position, .138 in [3.5 mm] Centerline, Fully Shrouded, Tin (Sn), Multilock Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles > LOW & MEDIUM POWER HEADER



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

Number of Positions: **8**

Centerline (Pitch): **3.5 mm [.138 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All LOW & MEDIUM POWER HEADER \(153\)](#)

Features

Product Type Features

Hybrid Header	No
Connector & Housing Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	8
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features



Primary Product Color	White
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Contact Features

Contact Size	1.8mm
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	Without
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]
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Dimensions

Connector Length	25.02 mm[.985 in]
Connector Width	25.7 mm[1.011 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F]
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Shielded	No
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Packaging Features

Packaging Type	Tube
Packaging Quantity	90

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	Wave solder capable to 240°C

Product Compliance Disclaimer

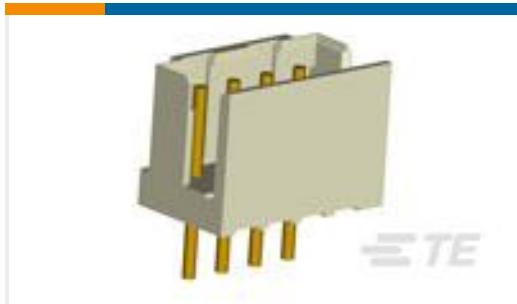
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | **Multilock Connector System**



PCB Headers & Receptacles(129)

Customers Also Bought

TE Part #292132-9
CT P/HDR BOX V 9P NATTE Part #2108609-5
3.0H SPRING FINGER WITH EMBOSSTE Part #2822541-1
PUSH-PUSH MICRO SIM
CONNECTORTE Part #1747994-1
DYNAMIC D-2100 V-HDR ASS'Y 16P X-
KEYTE Part #173856-1
LOW & MEDIUM POWER HEADERTE Part #1717832-2
MINI PCI EXPRESS EMBOSS TAPE
LATCHTE Part #171457-1
MIC CAP 21P V

Documents

Product Drawings

MULTI LOCK I/O CAP ASSY 8P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_179096-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179096-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_179096-1_A.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English