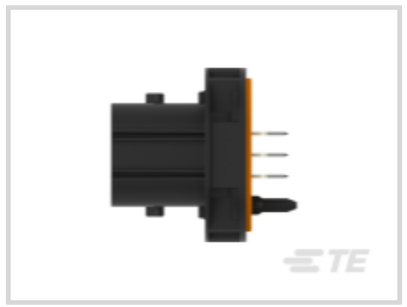
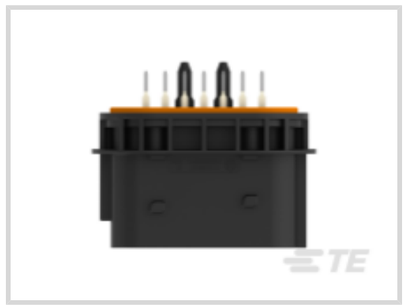
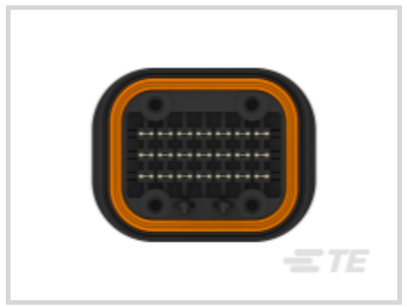
1-2331098-1 ✔ ACTIVE

TE Internal #: 1-2331098-1

PCB Mount Header, Vertical, Wire-to-Board, 21 Position, 5 mm [.197 in] Centerline, Fully Shrouded, Silver (Ag), Through Hole - Solder, Sealable, Power

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles


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

Number of Positions: **21**

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **Yes**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	21
PCB Mount Orientation	Vertical
Number of Rows	3

Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	3mm
Contact Type	Tab
Mating Tab Width	3 mm[.118 in]
Mating Tab Thickness	.8 mm[.031 in]
Contact Mating Area Plating Material	Silver (Ag)
Contact Current Rating (Max)	45 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5 mm[.197 in]

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Shielded	No
Circuit Application	Power

Packaging Features

Packaging Quantity	25
Packaging Method	Tray

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	Not reviewed 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 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-L489-CH8172
LEAVYSEAL Connector Housings

Customers Also Bought



TE Part #1-776279-1
8POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #5-1879073-0
THS10 10K 5%



TE Part #2112233-1
COVER,90,FOR 46POS

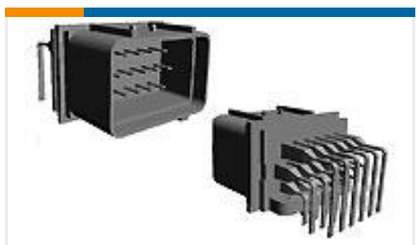


TE Part #9-1879510-1
CRGH0805 1% 10K 0.33W



TE Part #2-2331102-1

TAB HEADER 46POS.



TE Part #344103-1

18W ENG.MAN.SYS.HEADER



TE Part #1-1452228-9

TAB HEADER 92POS.



TE Part #1-776275-1

8POS,PIN DIA 1.3,HDR ASSY,180DEG, COD 1



TE Part #9-1452415-9

58POS CONNECTOR ASSY F. CONNECTOR154POS



TE Part #1-2331102-1

TAB HEADER 46POS.

Documents

Product Drawings

TAB HEADER 21POS.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2331098-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2331098-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2331098-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1903112-2 1969656-1 MPT100C18RF 1-962915-1 936348-1 3430B2F51RTDF ROX05SJ18R SBCHE64R7K U5254-000005-030PA 2-292161-3 2310537-1 3631B101LL RH73H2A40MKTN SMW73R0JT 2005330-1 2377783-2 650075-000 1-794222-0 141991-2 175977-2 2380312-2 917696-1 CPF0402B37K4E1 CRGCQ2010J3K3 SBCHE154R7K 1393431-1 1743455-2 2834055-1 3-1393225-0 TE50BR39J