0.5 30POS CAP ASSY DIP SCREW ✔ ACTIVE

AMP | 0.50 Connector System

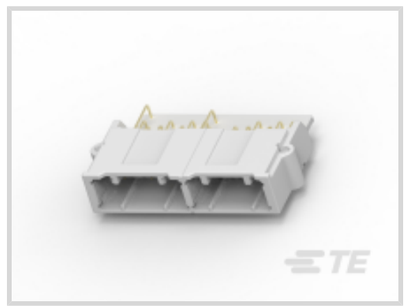
TE Part # 1939331-1

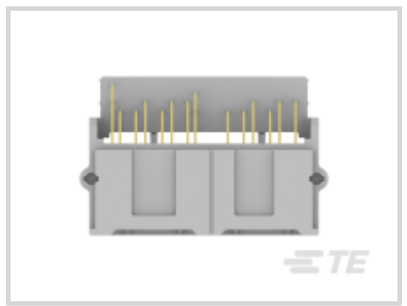
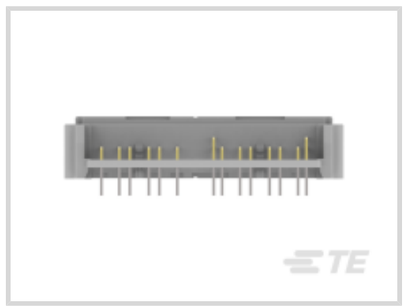
TE Internal #: 1939331-1

MINIATURIZED HEADER

View on TE.com >

Connectors > Automotive, Truck, Bus, & Off-Road Connectors > PCB Headers > MINIATURIZED HEADER




Number of Positions: **30**

Centerline (Pitch): **1.6 mm, 1.8 mm, 3.4 mm, 3.6 mm [.063 in, .071 in, .134 in, .142 in]**

Sealable: **No**

Mounting Orientation: **Horizontal/90°**

Number of Rows: **2, 3**

All MINIATURIZED HEADER (44)

Features

Product Type Features

Hybrid Header	No
Shielded	No
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	2
Number of Signal Positions	30
Number of Positions	30
Number of Rows	2, 3

Electrical Characteristics

Voltage Rating (Max)	12 VDC
Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

Color	Natural

Contact Features

Tab Width	.5 mm[.02 in]
Tab Thickness	.4 mm[.016 in]
Interface Plating	Gold (Au)

Termination Features

Termination Method	Through Hole - Solder

Mechanical Attachment

Locking Interface	With
PCB Mount Alignment	Without
Mounting Holes	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mounting Orientation	Horizontal/90°

Housing Features

Centerline (Pitch)	1.6 mm, 1.8 mm, 3.4 mm, 3.6 mm[.063 in][.071 in][.134 in][.142 in]

Dimensions

Length	33.7 mm[1.326 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	11.8 mm[.465 in]
Width	52.9 mm[2.083 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	None

Packaging Features

Packaging Type	Tube

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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.

Also in the Series | 0.50 Connector System



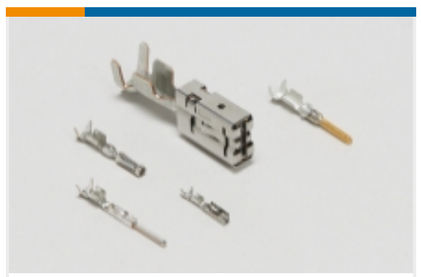
Automotive Seals & Cavity Plugs(2)



Automotive, Truck, Bus, & Off-Road Headers(17)



Automotive, Truck, Bus, & Off-Road Housings(31)



Automotive, Truck, Bus, & Off-Road Terminals(9)

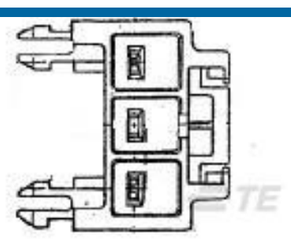
Customers Also Bought



TE Part #1-1473369-4
SQUIB 11DIA SCR ASSY 8.8MM TYPE



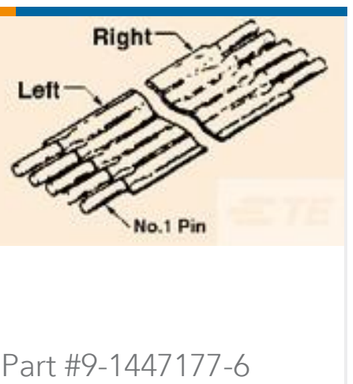
TE Part #171353-3
S-K BINDER CABLE TIE 3.2 INS



TE Part #178601-4
UNIV. POWER HDR H ASSY 2P YEL.



TE Part #2-171822-6
EIS REC. HSG 6P-BLACK



TE Part #9-1447177-6
FS2N50.8A9 =JUMPER NOMEX

Documents

Product Drawings

0.5 30POS CAP ASSY DIP SCREW

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1939331-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1939331-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1939331-1_D.3d_stp.zip

English

Product Specifications

Product Specification

Japanese

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

English