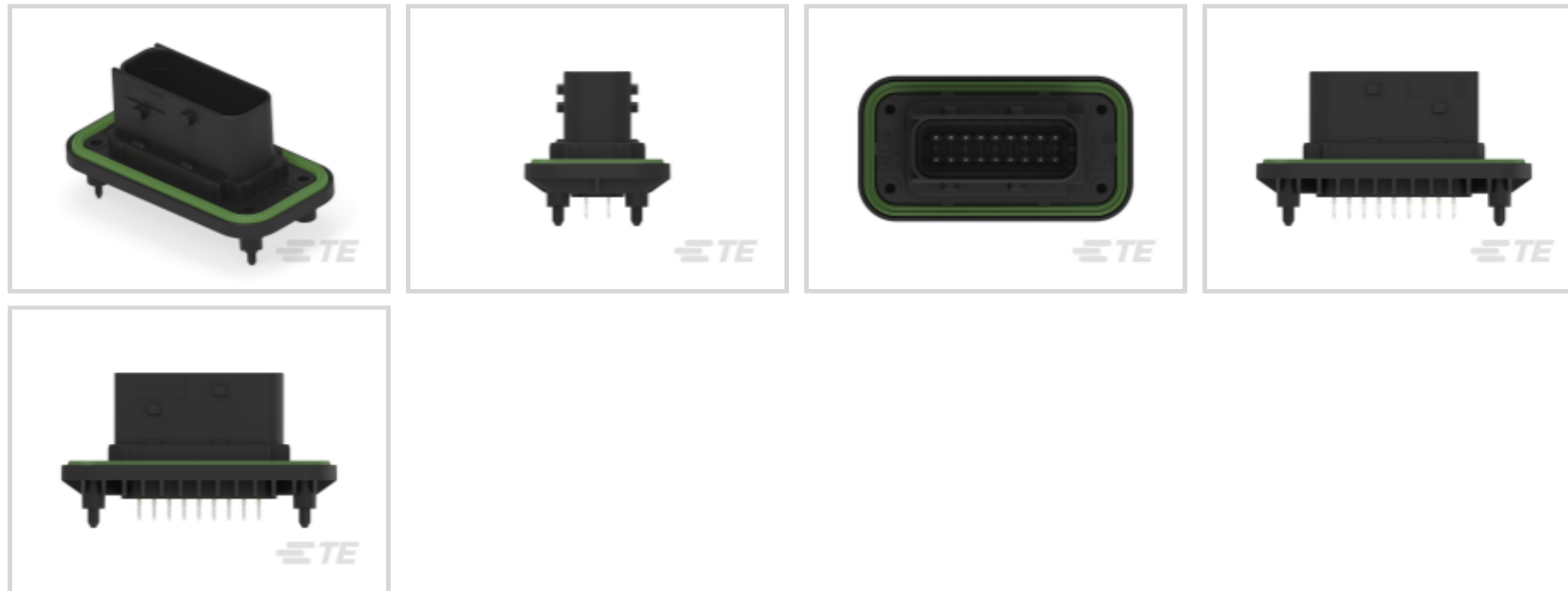# 1-2377481-1 ✔ ACTIVE

TE Internal #: 1-2377481-1

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 6 mm Centerline, Fully Shrouded, Silver, Through Hole - Solder, Sealable, Signal, Black

View on TE.com >

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

Number of Positions: **18**

Number of Rows: **2**

Centerline (Pitch): **6 mm**

PCB Mount Orientation: **Vertical**

All Heavy Duty Sealed Connector Headers (18)

Features

Product Type Features

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

Configuration Features

Number of Positions	18
Number of Rows	2
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Silver

1-2377481-1

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 6 mm Centerline, Fully Shrouded, Silver, Through Hole - Solder, Sealable, Signal, Black

Contact Type	Tab
Contact Current Rating (Max)	10 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	6 mm

Usage Conditions

Operating Temperature Range	-40 – 140 °C

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Type	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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 6 mm Centerline, Fully Shrouded, Silver, Through Hole - Solder, Sealable, Signal, Black

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 # 1-1563759-1

18POS,AMP MCP1.5K,REC HSG,ASSY

TE Part # 2112297-1

PROTECTION CAP,GROUP E,ASSY

Customers Also Bought

TE Part #8-1614882-3

CPF 0603 4R7 0.1% 25PPM 1K RL

TE Part #2-2176343-7

CRGCQ 1206 1K5 1%

TE Part #8-966140-6

TAB HEADER 2.8 X 0.8 MM 21 POS

TE Part #1-776231-5

35POS,PIN DIA 1.3,HDR ASSY, 180DEG,COD 5

TE Part #1-968720-1

Signal Header

TE Part #6437288-5

SUPER SEAL 60POS CAP ASSY GOLD

TE Part #1-2378187-1

10POS,HYBRID,HDR ASSY,180DEG, COD A

Documents

Product Drawings

18POS,TAB1.5X0.64,HDR ASSY,180DEG,COD A

English

CAD Files

1-2377481-1

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 6 mm Centerline, Fully
Shrouded, Silver, Through Hole - Solder, Sealable, Signal, Black

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2377481-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2377481-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2377481-1_A.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