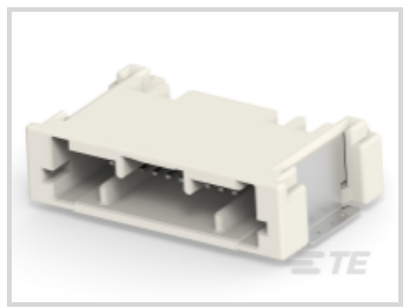
2188274-1 ✔ ACTIVE

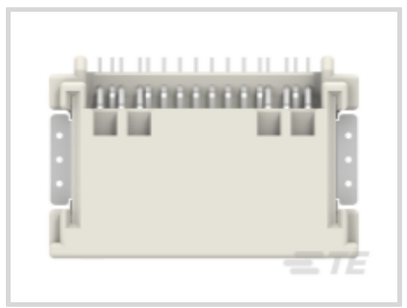
TE Internal #: 2188274-1

Horizontal, Wire-to-Board, 16 Position, 2 Row, 1.5mm / 1.75mm [.059in / .068in] Centerline, Gold (Au) / Tin (Sn), Printed Circuit Board, Signal

View on TE.com >

Automotive Parts > Automotive Connectors > Automotive Headers







PCB Mount Orientation: **Horizontal**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **1.5 mm, 1.75 mm [.059 in, .068 in]**

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

Features

Product Type Features

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

Configuration Features

Number of Sections	1
Number of Signal Positions	16
PCB Mount Orientation	Horizontal
Number of Positions	16
Number of Rows	2

Electrical Characteristics

Operating Voltage	500 VAC
Voltage Rating (Max)	500 VAC

Body Features

Primary Product Color	Natural

Contact Features

Mating Tab Thickness	.4 mm[.015 in]
Contact Type	Tab
Mating Tab Width	.5 mm[.019 in]
Contact Mating Area Plating Material	Gold (Au), Tin (Sn)

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.5 mm, 1.75 mm[.059 in][.068 in]

Dimensions

	.063 in
Connector Width	29 mm[1.14 in]
Connector Length	19 mm[.75 in]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Carton
Packaging Quantity	432

Other

Interface Number	2188276

Product Compliance

For compliance documentation, visit the product page on TE.com>

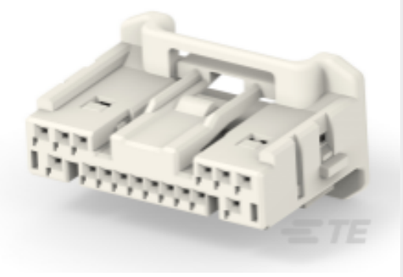
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 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

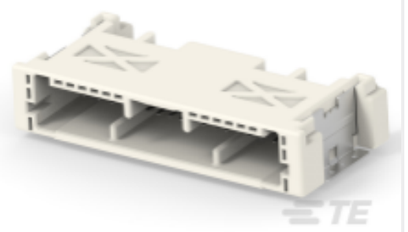
Compatible Parts

TE Part # 2188275-1
020 16P HDR HSG H-TYPE NAT



TE Part # 2188276-1
020 16P PLUG ASSY

Customers Also Bought



TE Part #2188265-1
020 28P HDR ASSY H-TYPE NAT



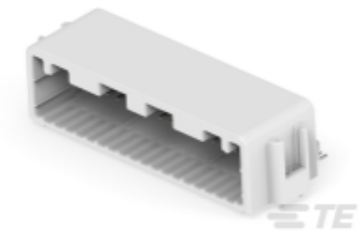
TE Part #1-1743730-2
40POS,HYBRID,HDR ASSY,90DEG, SLDR,AU

TE Part #2-2188336-4
060 18P SLD HDR ASSY TYPE2

TE Part #2219092-1
SENSING ELEMENT FOR GDI 280 HPS

TE Part #2308948-1
SENSING ELEMENT FOR GDI 350 HPS

TE Part #2328381-1
SENSING ELEMENT FOR GDI 450 HPS



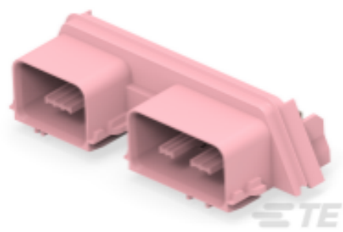
TE Part #1-2365882-1
025 36P HDR ASSY SMD(B)



TE Part #1-2385863-2
025 40P SMD HDR ASSY H-TYPE B



TE Part #2396849-1
FSVM 76P HEADER ASSY(A2A8-B8B9)



TE Part #2396849-2
FSVM 76P HEADER ASSY(A3A4-B7B10)

Documents

Product Drawings

020 16P HDR ASSY H-TYPE NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2188274-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2188274-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2188274-1_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