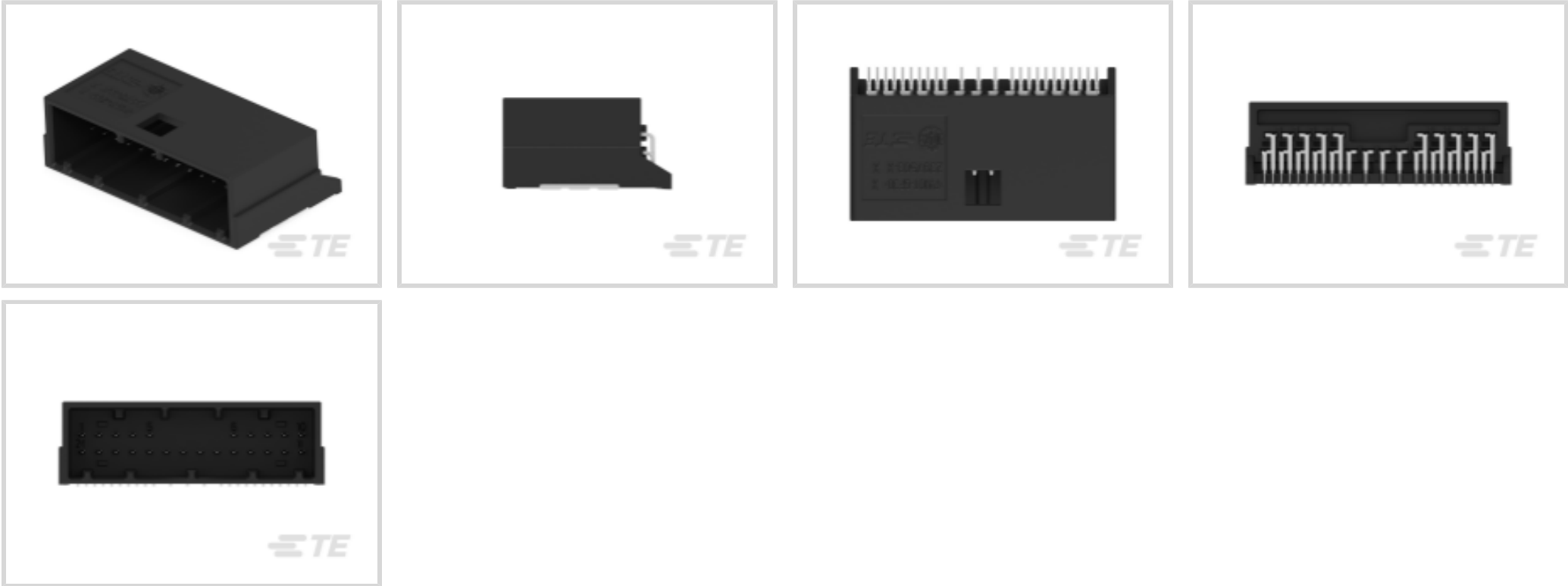




Automotive Parts > Automotive Connectors > Automotive Headers



PCB Mount Orientation: **Vertical**

Termination Method to PCB: **Surface Mount**

Sealable: **No**

Centerline (Pitch): **2 mm [.078 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	24
PCB Mount Orientation	Vertical
Number of Positions	24
Number of Rows	2

Electrical Characteristics

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Operating Voltage	80 VDC
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Voltage Rating (Max)	80 VDC
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Body Features

Connector & Keying Code	A
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Primary Product Color	Black
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Contact Features

Mating Tab Thickness	.4 mm[.015 in]
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Contact Type	Tab
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Mating Tab Width	.5 mm[.019 in]
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Contact Mating Area Plating Material	Tin over Nickel
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Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Keyed
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Mating Alignment	With
------------------	------

PCB Mount Retention	Without
---------------------	---------

PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2 mm[.078 in]
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Dimensions

Connector Width	31.5 mm[1.24 in]
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Connector Length	18.2 mm[.72 in]
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Solder Process	Reflow Solder Capable
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Reel
Packaging Quantity	300

Other

Interface Number	114-160096
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

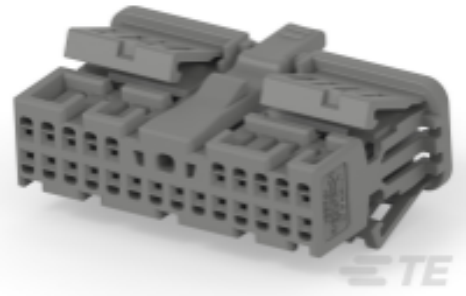
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) 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 reviewed for solder process capability

Product Compliance Disclaimer

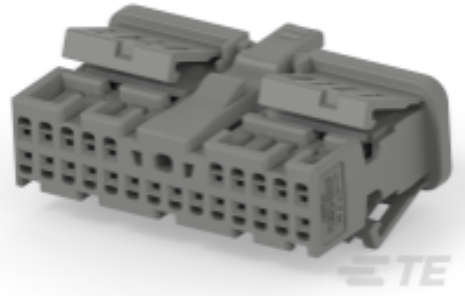
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



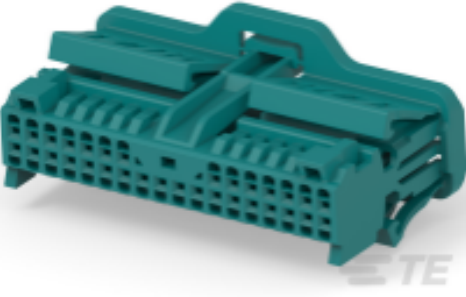


TE Part # 1-2400706-2
24POS,NANOMQS,REC HSG,UNSLD,
COD B,FPC



TE Part # 2400706-2
24POS,NANOMQS,REC HSG,UNSLD,
COD B,STD

Customers Also Bought



TE Part #2367107-1
32POS,NANOMQS,REC HSG,UNSLD,
COD NEUT



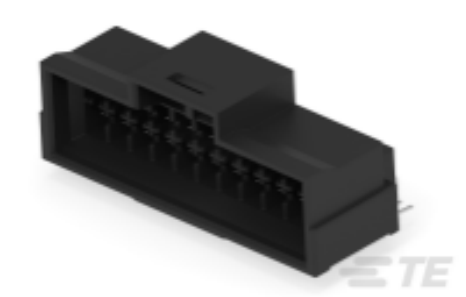
TE Part #1-2382569-1
32POS,NANOMQS,REC HSG,UNSLD,
COD A,FPC



TE Part #1-2400706-1
24POS,NANOMQS,REC HSG,UNSLD,
COD A,FPC



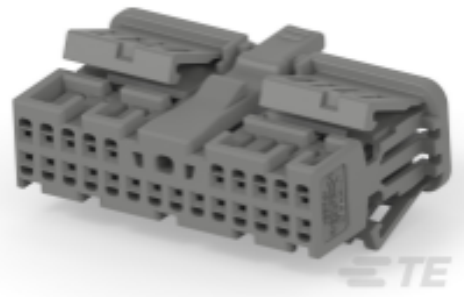
TE Part #2415780-1
48POS,NANOMQS,REC HSG,UNSLD,
COD A,FPC



TE Part #2374956-2
22POS,TAB0.5X0.4,HDR ASSY,90DEG,
SMD



TE Part #2397503-2
24POS,TAB0.5X0.4,HDR ASSY,90DEG,
SMD



TE Part #1-2400706-2
24POS,NANOMQS,REC HSG,UNSLD,
COD B,FPC



TE Part #2413730-3
FFC 300 Semi-Auto Machine



TE Part #2415780-2
48POS,NANOMQS,REC HSG,UNSLD,
COD B,FPC



TE Part #1-2437287-1
NANOMQS,TERMINAL,FFC,FPC

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2397503-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2397503-1_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_2397503-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English