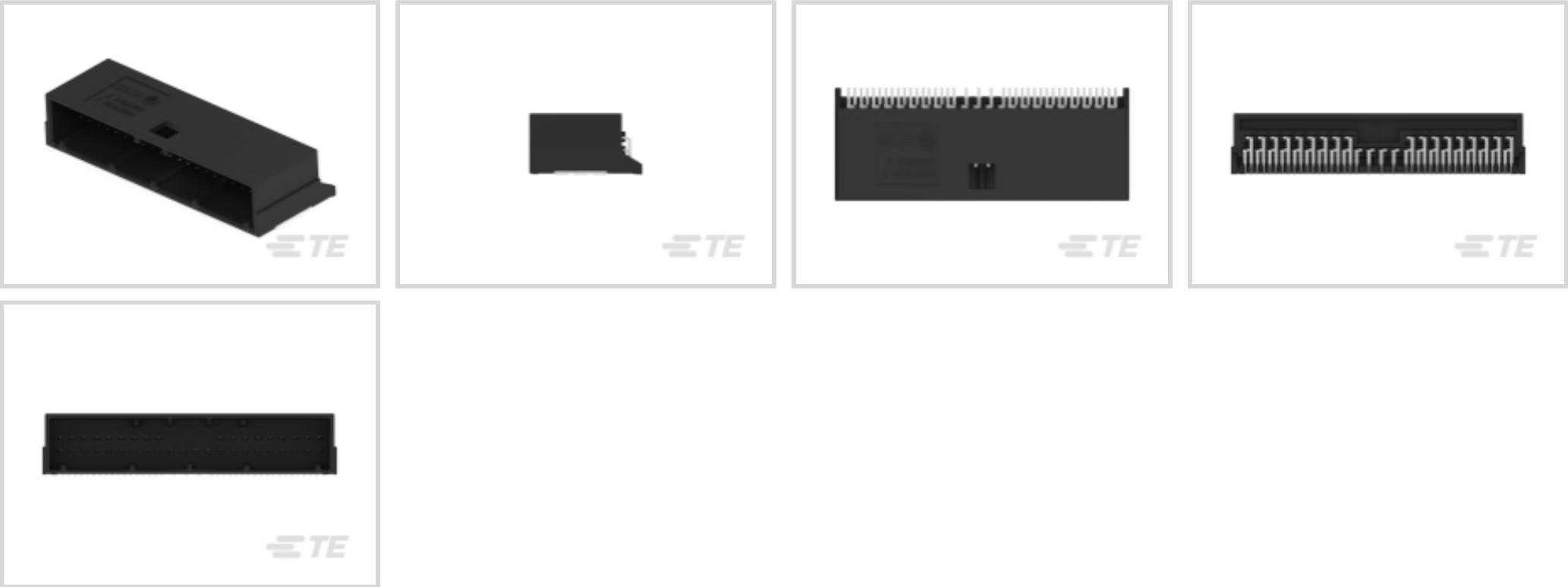




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **40**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	40
Number of Rows	2

Body Features

Connector & Keying Code	A
Primary Product Color	Black



Contact Features

Contact Base Material	Copper Alloy
Contact Size	.5mm
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2 mm[.078 in]
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Operation/Application

Solder Process	Reflow Solder
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Packaging Features

Packaging Method	Carton
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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	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 # 2555005-1
38POS,NANOMQS,REC HSG ASSY,
UNSLD,COD 1,-

Customers Also Bought

TE Part #2393302-1
10POS,TAB0.63X0.63,HDR ASSY,
90DEG,SMD,A

TE Part #1-2291853-1
NANO MQS CONTACT FFC, FPC

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

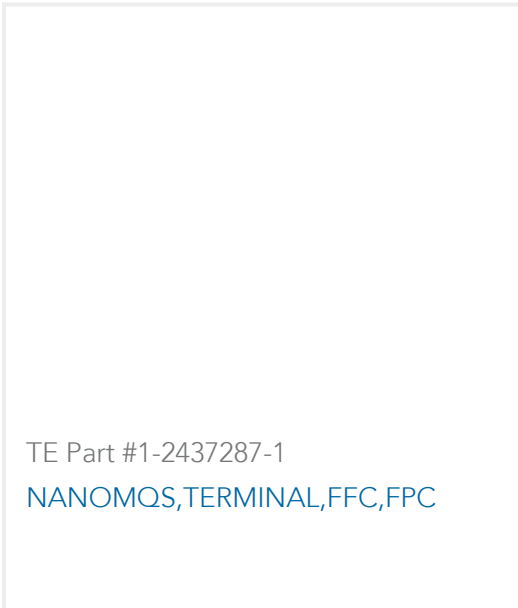
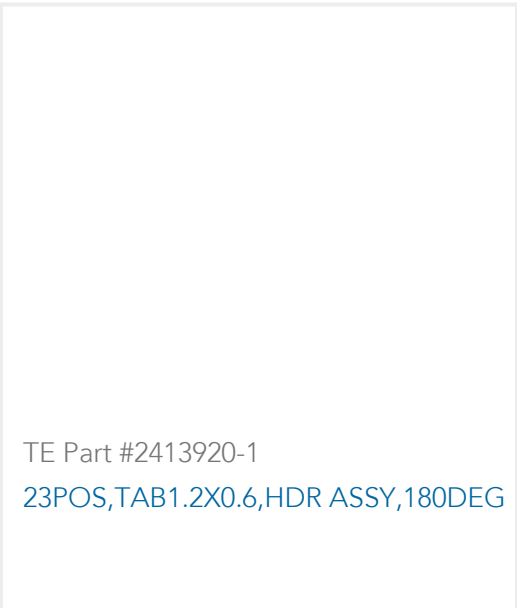
TE Part #2386141-1
32POS,TAB0.5X0.4,HDR ASSY,90DEG,
SMD

TE Part #1-2382718-1
40POS,NANOMQS,REC HSG,UNSLD,
COD A,FPC

TE Part #2317537-1
2X11POS,NANOMQS,ASSY,180DEG,
SMD,COD A

TE Part #2332226-9
22POS,TAB0.5X0.4,HDR ASSY,90DEG

TE Part #2386141-2
32POS,TAB0.5X0.4,HDR ASSY,90DEG,
SMD



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2389701-1_C.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2389701-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2389701-1_C.3d_igs.zip](#)

English

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Product Specifications

Product Specification

English

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[2389701-1](#)