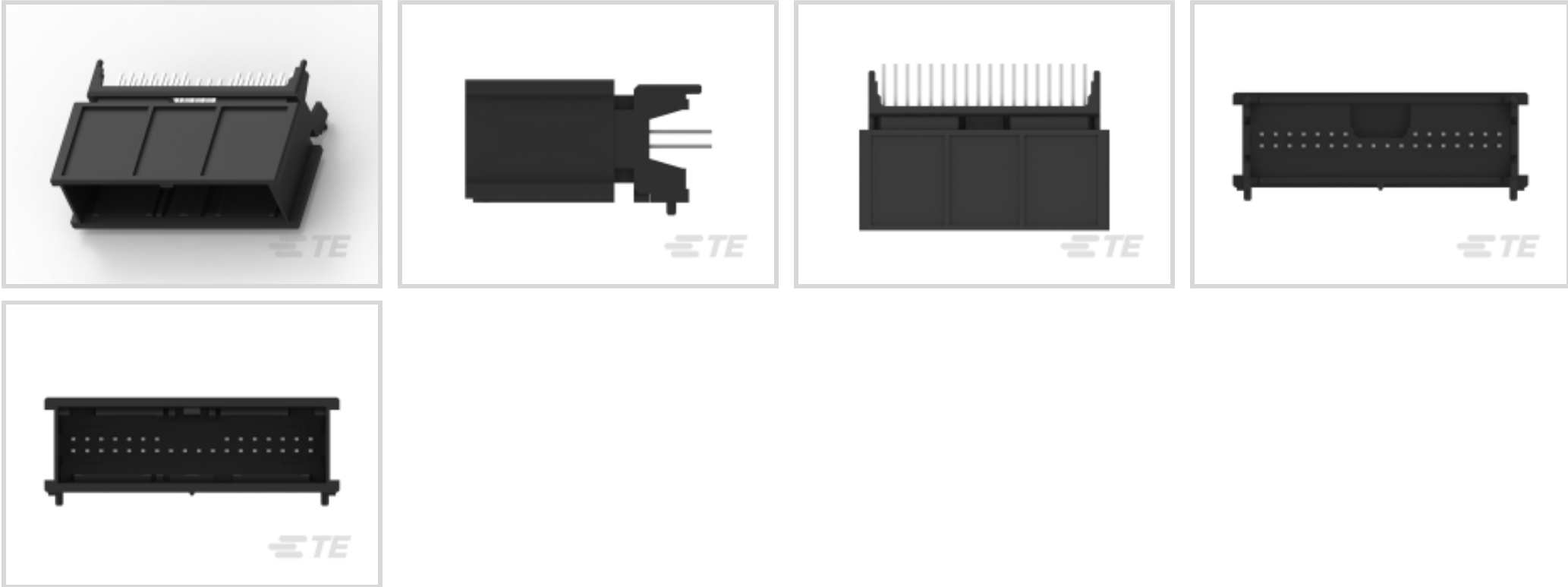




Connectors > Automotive, Truck, Bus, & Off-Road Connectors > PCB Headers > MINIATURIZED HEADER



Number of Positions: 32
Centerline (Pitch): 1.8 mm [.071 in]
Sealable: No
PCB Mount Orientation: Vertical
Number of Rows: 2

[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	1
Number of Signal Positions	32
Number of Positions	32
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V



Body Features

Primary Product Color	Black
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Contact Features

Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Locking Interface	With
Mounting Holes	Without
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	1.8 mm[.071 in]
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Dimensions

Length	38.05 mm[1.498 in]
PCB Thickness (Recommended)	.8 mm[.031 in]
Profile Height from PCB	22.95 mm[.904 in]
Width	25.3 mm[.996 in]

Usage Conditions

Operating Temperature (Max)	100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C[149 °F][158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C, -40 – 125 °C[-40 – 257 °F][-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features



Packaging Type	Tray
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Other

Interface Number	114-20160, 114-94000-1
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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: JUN 2020 (209) Candidate List Declared Against: JUL 2017 (174) 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 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.

Compatible Parts



TE Model / Part # CAT-M8793-CH8172
MQS, CONNECTOR HOUSING



TE Model / Part # 2303088-2
32POS,NANOMQS,REC HSG,UNSLD,
COD A,FFC

Also in the Series | Nano MQS



Automotive, Truck, Bus, & Off-Road
Headers(42)



Automotive, Truck, Bus, & Off-Road
Housings(84)



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

Customers Also Bought



TE Model / Part #4-928776-7
AMPMODU II ACTION PIN IN
PLASTIC REEL



TE Model / Part #2150435-2
OC-AT-E-FA-090F130F-001-0063



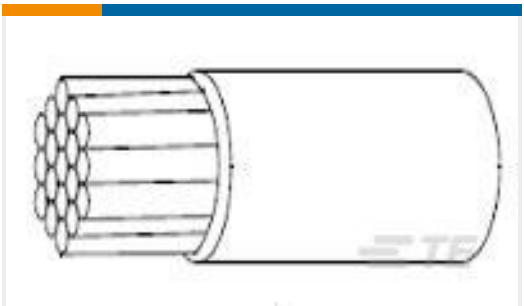
TE Model / Part #2151556-1
OC-AT-S-FM-080F160O-001-0220



TE Model / Part #2266690-2
OCEAN-2.0-APPLICATOR-S-
079F098OA



TE Model / Part #2304168-4
4POS MATE-AX, HDR ASSY,90 DEG,
COD D



TE Model / Part #CT57013001
55A0111-14-09



TE Model / Part #CV19656001
QSZH-125-NR3-100MM

Documents

Product Drawings
32POS,NANO MQS,HEADER ASSY,CODA

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2177748-3_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177748-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2177748-3_D.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