

2415492-1  ACTIVE

TE Internal #: 2415492-1

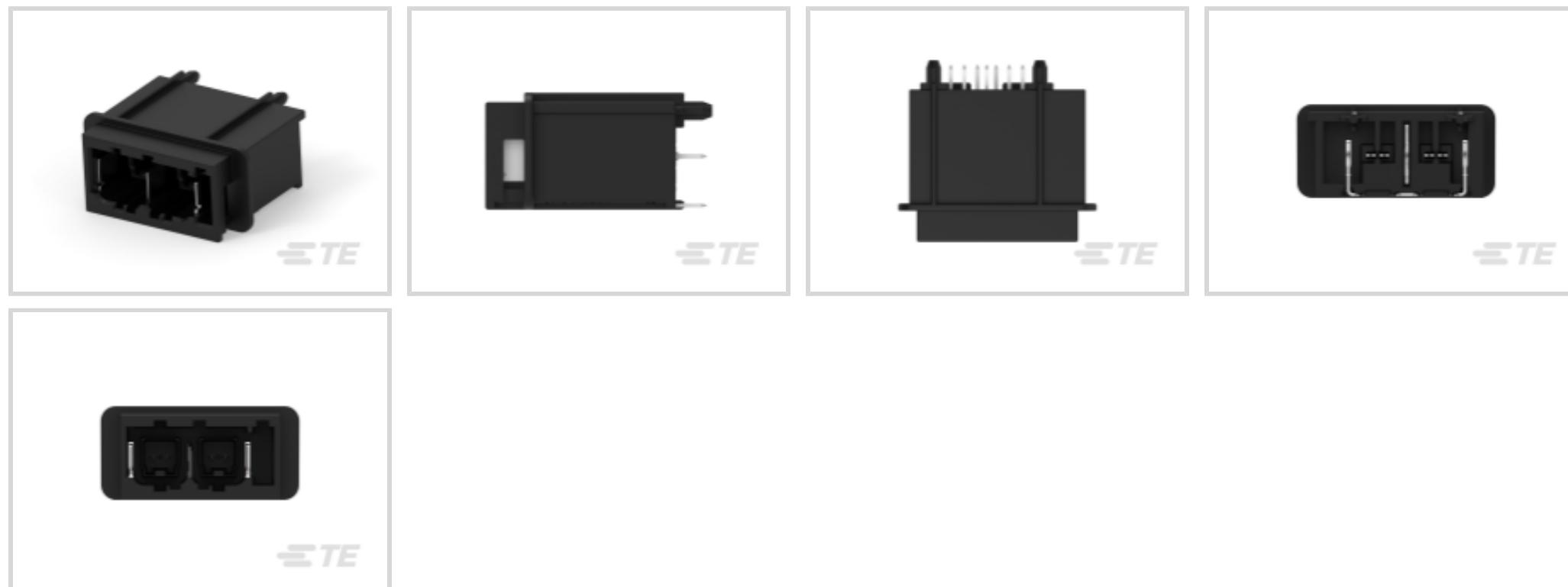
Wire-to-Board, Shielded, Vertical, 4 Position, Board Mount, A

Code, 1.8 mm [.07 in] Centerline, Signal, Data Connectivity Headers

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Data Connectivity Headers



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

Sealable: **No**

Shielded: **Yes**

PCB Mount Orientation: **Vertical**

Number of Positions: **4**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Rows	1
PCB Mount Orientation	Vertical
Number of Positions	4

Body Features

Connector & Keying Code	A
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Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Mating Tab Width	.5 mm [.02 in]
Mating Tab Thickness	.4 mm [.01 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

Connector Mounting Type

Board Mount

Housing Features

Housing Color

Black

Centerline (Pitch)

1.8 mm [.07 in]

Usage Conditions

Operating Temperature (Max)

105 °C [221 °F]

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Operation/Application

Shielded

Yes

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94HB

Product ComplianceFor 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 2025 (247)
 Candidate List Declared Against: JAN 2025 (247)
 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

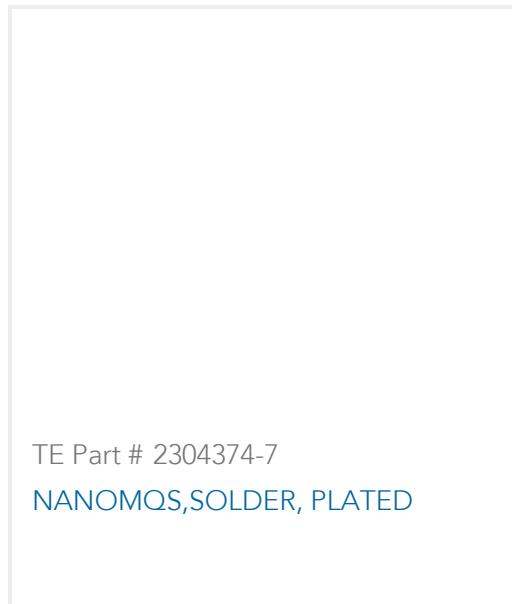
Not reviewed for solder process capability

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 Part # 2304374-7
NANOMQS,SOLDER, PLATED

Customers Also Bought



TE Part #175785-1
070 MLC CAP H ASSY DBL 20P NT.



TE Part #175975-2
.040 MLC-2 CAP ASS'Y 20P (H)



TE Part #8-188275-2
MICRO-MATCH SMD FTE



TE Part #2137614-1
32P MQS header



TE Part #2304372-1
1-PORT MATENET HDR ASSY 90DEG,
COD A



TE Part #2323854-4
TAB0.63X0.63,MS



TE Part #2349217-1
1 PORT,MATENET,HDR ASSY,COD A,
TOP LATCH



TE Part #2050898-3
CMC 112WAY HEADER ASSEMBLY



TE Part #2325130-1
0.50,HDR ASSY,90DEG,COD A



TE Part #2374035-1
121POS,HYBRID,HDR ASSY,90DEG,
SLDR,COD 1

Documents

Product Drawings**2-PORT MATENET HDR ASSY 180DEG, COD A**

English

CAD Files**3D PDF**

3D

Customer View Model

[ENG_CVM_CVM_2415492-1_A1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2415492-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2415492-1_A1.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Product Specifications****Product Specification**

English