

2374901-1

✓ ACTIVE

GEMnet

TE Internal #: 2374901-1

Wire-to-Board, Horizontal, 2 Position, Board Mount, A Code, 2 mm

[.07 in] Centerline, Signal, -40 – 105 °C [-40 – 221 °F], Data

Connectivity Headers

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Automotive Parts > Automotive Connectors > Data Connectivity Headers

Connector System: **Wire-to-Board**Sealable: **No**Shielded: **No**PCB Mount Orientation: **Horizontal**Number of Positions: **2**

Features

Product Type Features

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

Configuration Features

Number of Rows	1
PCB Mount Orientation	Horizontal
Number of Positions	2

Electrical Characteristics

Impedance	100 Ω
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Body Features

Connector & Keying Code	A
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Contact Features

Contact Mating Area Plating Material	Gold (Au)
Mating Pin Diameter	.5 mm[.02 in]
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Color	Jet Black
Centerline (Pitch)	2 mm[.07 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

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 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

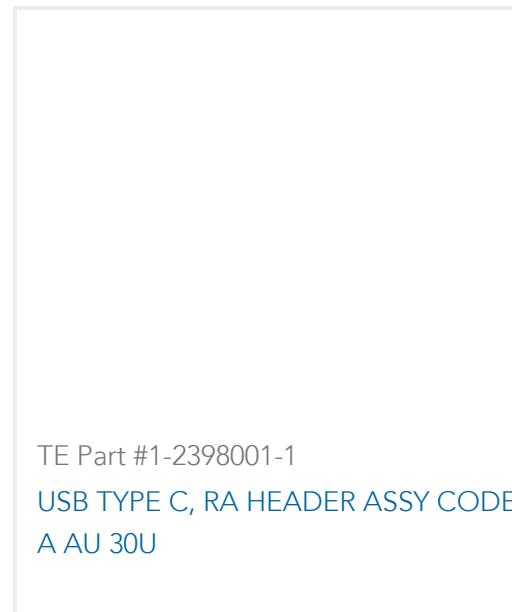
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

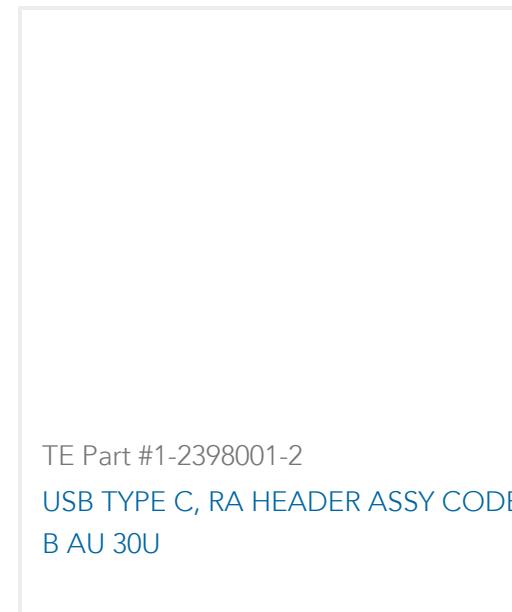
Customers Also Bought



TE Part #3-2306368-1
2P,MATE-AX,HDR ASSY L REV.,90DEG, COD A



TE Part #1-2398001-1
USB TYPE C, RA HEADER ASSY CODE A AU 30U



TE Part #1-2398001-2
USB TYPE C, RA HEADER ASSY CODE B AU 30U



TE Part #1-2398001-3
USB TYPE C, RA HEADER ASSY CODE C AU 30U



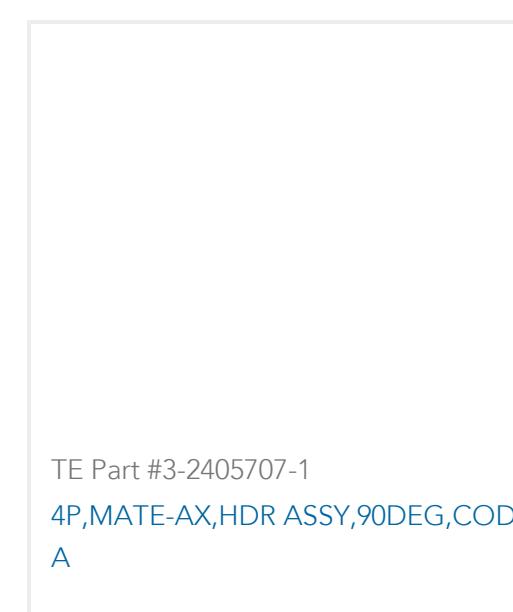
TE Part #2405707-2
4P,MATE-AX,HDR ASSY,90DEG,COD B



TE Part #2405707-3
4P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2-2405707-2
4P,MATE-AX,HDR ASSY,90DEG,COD B



TE Part #3-2405707-1
4P,MATE-AX,HDR ASSY,90DEG,COD A



TE Part #3-2405707-2
4P,MATE-AX,HDR ASSY,90DEG,COD B



TE Part #2418486-1
52POS,HYBRID,HDR ASSY,90DEG

Documents

Product Drawings

[GEMnet HDR, ASSY, 1P, 90deg,COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2374901-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2374901-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2374901-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English