

953118-1 ✓ ACTIVE

**MQS**

TE Internal #: 953118-1

Vertical, Wire-to-Board, 40 Position, 4 Rows, 2.54mm [.1in]

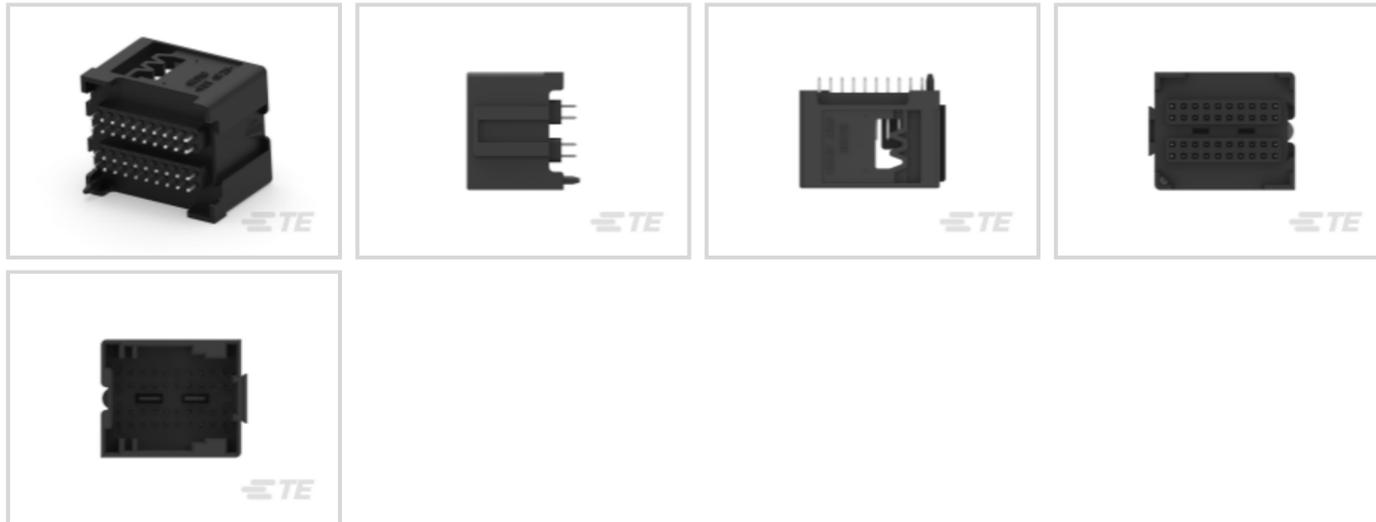
Centerline, Tin (Sn), Printed Circuit Board, 7A Contact Current

Rating (Max), Signal

[View on TE.com >](#)



Automotive Parts > Automotive Connectors > Automotive Headers > Signal Header



PCB Mount Orientation: **Vertical**

Contact Current Rating (Max): **7 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **2.54 mm [.1 in]**

[All Signal Header \(240\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Signal Positions	40
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	40
Number of Rows	4



### Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

### Body Features

Connector & Keying Code	1
Primary Product Color	Black

### Contact Features

Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Contact Type	Tab
Contact Current Rating (Max)	7 A
Contact Mating Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to PCB	Through Hole - Solder
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### Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Interface
PCB Mount Retention	Without
Mounting Holes	Without
Mating Alignment	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

### Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Connector Width	25.9 mm[1.02 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	21.5 mm[.846 in]
Connector Length	32.5 mm[1.28 in]

### Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C[149 °F][158 °F][167 °F][176 °F][185 °F]
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Operating Temperature Range -40 – 85 °C[-40 – 185 °F]

**Operation/Application**

Solder Process	Wave Solder Capable
Shielded	No
Circuit Application	Signal

**Packaging Features**

Packaging Quantity	432
Packaging Method	Tray

**Other**

Interface Number	208-15554
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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: 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	Wave solder capable to 240°C

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**



## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_953118-1\\_A\\_c-953118-1-a.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_953118-1\\_A\\_c-953118-1-a.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_953118-1\\_A\\_c-953118-1-a.3d\\_stp.zip](#)

English

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

### Product Specifications

[EMBASE 40 VOIES SORTIES DROITES A SOUDER SUR CARTE IMPRIMEE](#)

English

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Vertical, Wire-to-Board, 40 Position, 4 Rows, 2.54mm [.1in] Centerline, Tin (Sn),  
Printed Circuit Board, 7A Contact Current Rating (Max), Signal



## Product Specification

English