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

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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 (237)

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

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]

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]

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

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 2025 (250) 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	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



TE Part # 953122-1
40W MQS COVER ASSY (15D)

TE Part # 953117-1
40W MQS STRAIGHT HDR HSG

Customers Also Bought



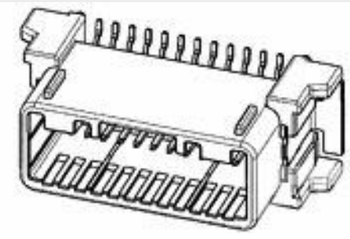
TE Part #CAT-SIGH262
Signal Header



TE Part #CAT-LMPH9507
Low & Medium Power Header



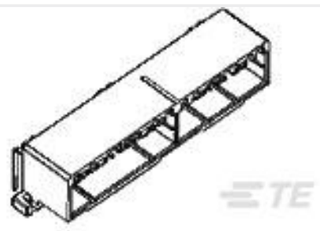
TE Part #1743447-2
ACTION PIN FOR 1.2mm TAB



TE Part #1747642-2
0.64 SMD 40POS CAP ASSY V TIN



TE Part #5-2287906-4
FAKRA, 1 POS, EDGE MOUNT, 12 OCLOCK ASSY



TE Part #174917-1
HYBRID I/O CONN CAP ASSY 48P

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

Product Specification

English