953302-1 ✔ ACTIVE

MQS

TE Internal #: 953302-1

Vertical, Wire-to-Board, 18 Position, 2 Row, 2.54mm [.1in] Centerline, Tin (Sn), Printed Circuit Board, 7.5A 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): **7.5 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	18
Number of Sections	1
PCB Mount Orientation	Vertical
Number of Positions	18
Number of Rows	2

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)	7.5 A
Contact Mating Area Plating Material	Tin (Sn)

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Width	17 mm[.669 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Profile Height from PCB	20.3 mm[.799 in]
Connector Length	44.5 mm[1.752 in]

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Quantity	462
Packaging Method	Tray

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	有害物质含量符合标准要求 No Restricted Substance(s) 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	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

Compatible Parts



TE Part # 1670903-1
SHIELD.SHELL,0,18 W MQS FRAME, ASSY



TE Part # 1379101-2
COV+LEV MQS 18W 90DEG WHI



TE Part # 1379101-1
COV+LEV MQS 18W 90DEG BLK

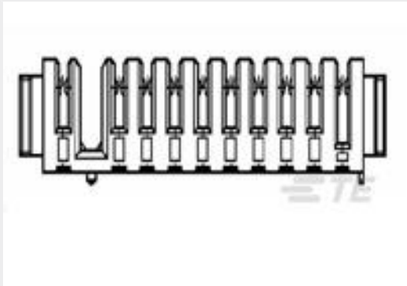


TE Part # 1379100-1
COV+LEV MQS 18W 0DEG BLK

Customers Also Bought



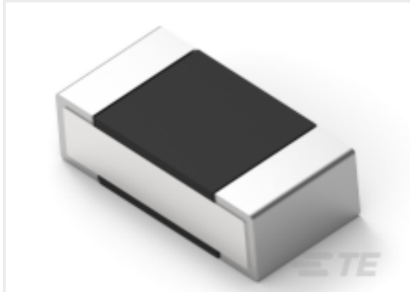
TE Part #254537-E
SMCQ 20 M AB VV 8-03 CL * H007 137 E005



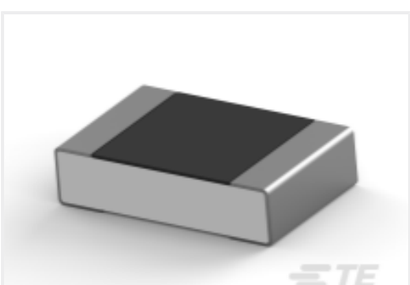
TE Part #1-1437118-0
3900072-04=F3-S SERIES BATTERY



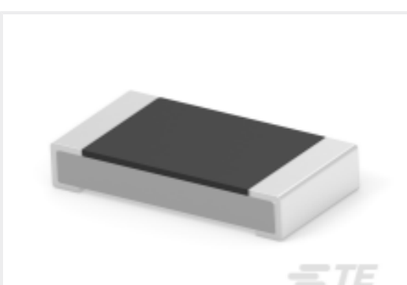
TE Part #1909763-1
UMCC MICRO-COAX RECPT GEN 1 HIGHER LEVEL



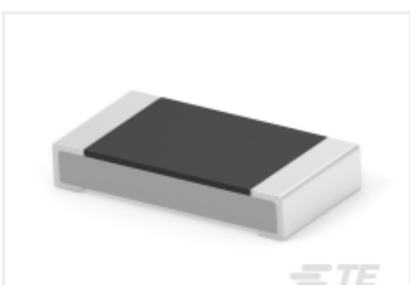
TE Part #2176307-8
RP 1E 0.1W 14K7 0.1% 25PPM 5K RL



TE Part #2176380-7
RQ 0805 1K33 0.1% 10PPM 5K RL



TE Part #2176392-1
RQ 1206 133K 0.1% 10PPM 5K RL



TE Part #3-2176392-5
RQ 1206 301K 0.1% 10PPM 5K RL



TE Part #5104340-1
A/L LOW PRO HDR 10P RA HT



TE Part #5227677-1
BNC PCB RT ANG JACK W/POST



TE Part #5788803-1
HD-20 RCPT 9P RA FFSCRLK HT

Documents

Product Drawings

18pos MQS .63 header 180deg

French

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_953302-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_953302-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_953302-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_953302-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_953302-1_C.3d_stp.zip

English

Customer View Model

ENG_CVM_953302-1_C.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

EMBASES 18 VOIES SORTIES DROITES A SOUDER SUR CARTE IMPRIMEE

English

Product Specification

English