

5-967224-3 ✓ ACTIVE



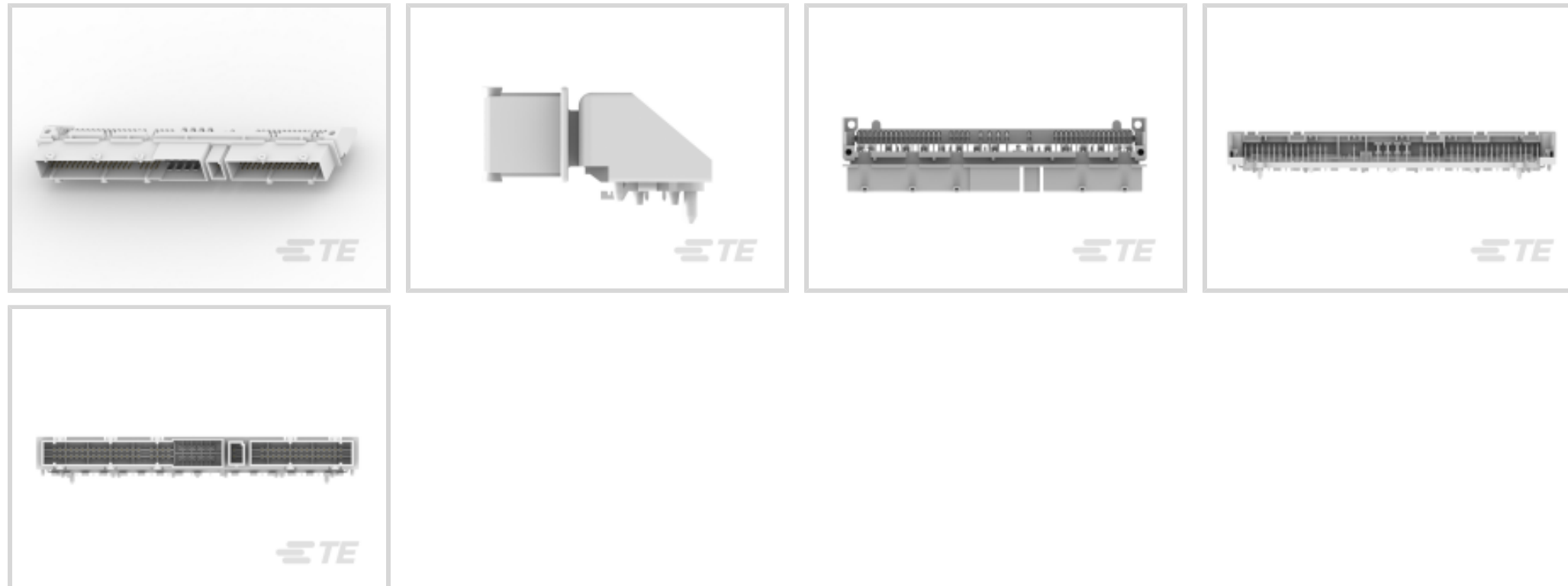
MQS

TE Internal #: 5-967224-3

PCB Mount Header, Horizontal, Wire-to-Board, 80 Position, 5 mm / 3 mm Centerline, Fully Shrouded, Tin, Through Hole - Solder, Signal, Natural, MQS

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > High Pin Count Header



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

Number of Positions: **80**

Centerline (Pitch): **3 mm, 5 mm**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All High Pin Count Header \(94\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|-----------------------|------------|
| Number of Sections | 3 |
| Number of Positions | 80 |
| PCB Mount Orientation | Horizontal |
| Number of Rows | 2 |



Body Features

| | |
|-------------------------|---------|
| Primary Product Color | Natural |
| Connector & Keying Code | F |

Contact Features

| | |
|--------------------------------------|----------------------------------|
| Contact Size | .63mm, 3mm |
| Contact Type | Tab |
| Mating Tab Width | .63 mm, 3 mm [.025 in][.118 in] |
| Mating Tab Thickness | .63 mm, .8 mm [.025 in][.031 in] |
| Contact Mating Area Plating Material | Tin |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|--------------------------|-------------------|
| Mounting Holes | With |
| Mating Retention | With |
| Mating Alignment | With |
| PCB Mount Alignment | Without |
| Panel Mount Feature | Without |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Boardlock |
| Mating Retention Type | Locking Interface |

Housing Features

| | |
|--------------------|------------|
| Centerline (Pitch) | 3 mm, 5 mm |
|--------------------|------------|

Dimensions

| | |
|-----------------------------|---------------------|
| Connector Length | 172.5 mm [6.791 in] |
| Connector Width | 42 mm [1.65 in] |
| PCB Thickness (Recommended) | 1.6 mm [.063 in] |
| Profile Height from PCB | 17.6 mm [.693 in] |

Operation/Application

| | |
|---------------------|--------|
| Shielded | Yes |
| Circuit Application | Signal |

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|----------------|------|
| Packaging Type | Tray |
|----------------|------|

Other

| | |
|------------------|---------------|
| Interface Number | 114-18313-001 |
|------------------|---------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

| | | |
|--|---|--|
|  <p>TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING</p> |  <p>TE Part # 7-967312-3 MQS UMGEH 30P ASSY</p> |  <p>TE Part # 7-967313-3 MQS UMGEH 48P ASSY</p> |
|--|---|--|

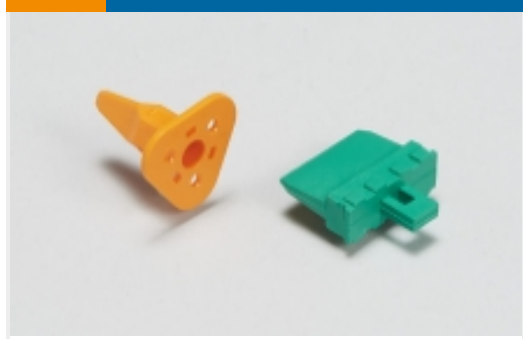
Also in the Series | MQS



Automotive Connector Caps & Covers (111)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(27)



Automotive Housings(376)



Automotive Terminals(89)



Connector Seals & Cavity Plugs(25)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

Customers Also Bought



TE Part #2-1630012-6
HSC150 3R3 5%



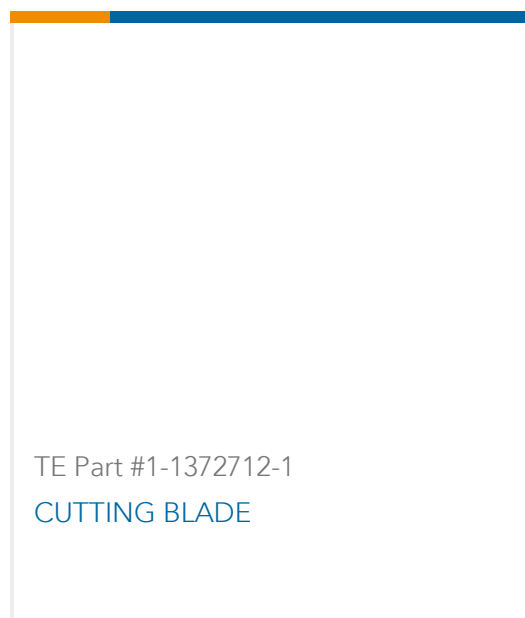
TE Part #1-1393258-1
V23047-A1021-A501



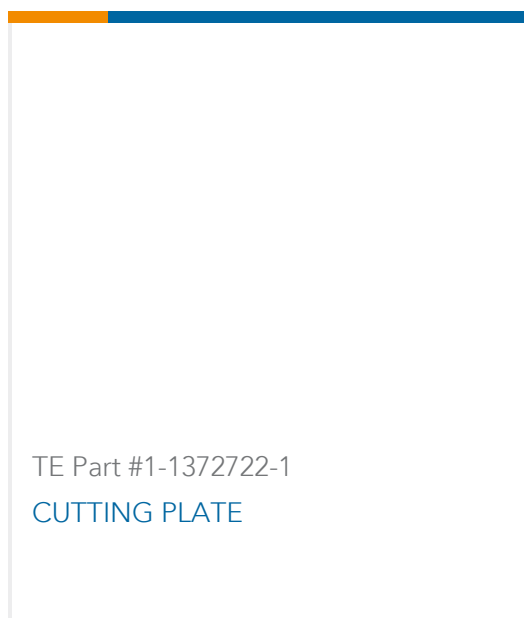
TE Part #1241656-1
32pos MQS .63 header 90deg



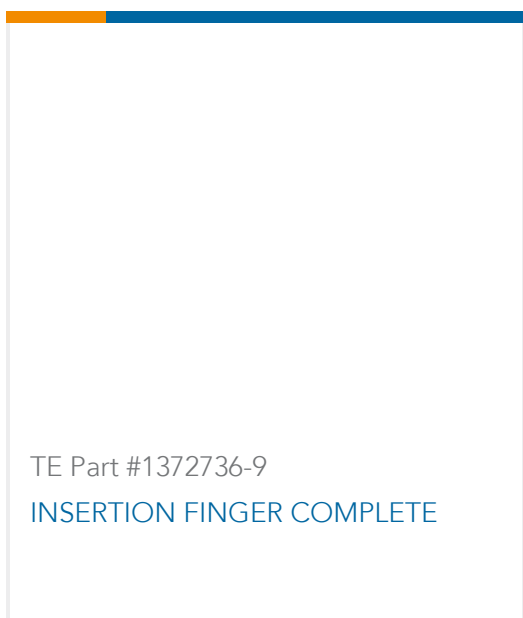
TE Part #2050670-2
36way SAF Header



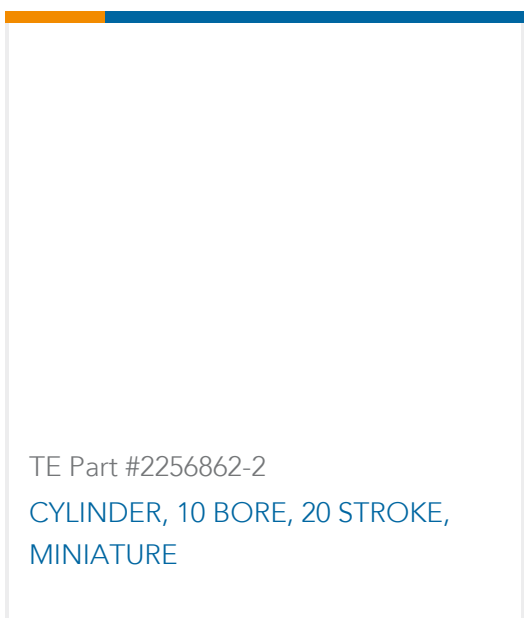
TE Part #1-1372712-1
CUTTING BLADE



TE Part #1-1372722-1
CUTTING PLATE



TE Part #1372736-9
INSERTION FINGER COMPLETE



TE Part #2256862-2
CYLINDER, 10 BORE, 20 STROKE,
MINIATURE



Documents

Product Drawings

[80pos hybrid MQS .63 header 90deg](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-967224-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-967224-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-967224-3_C.3d_stp.zip](#)

English

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