

5-967224-3 ✓ ACTIVE



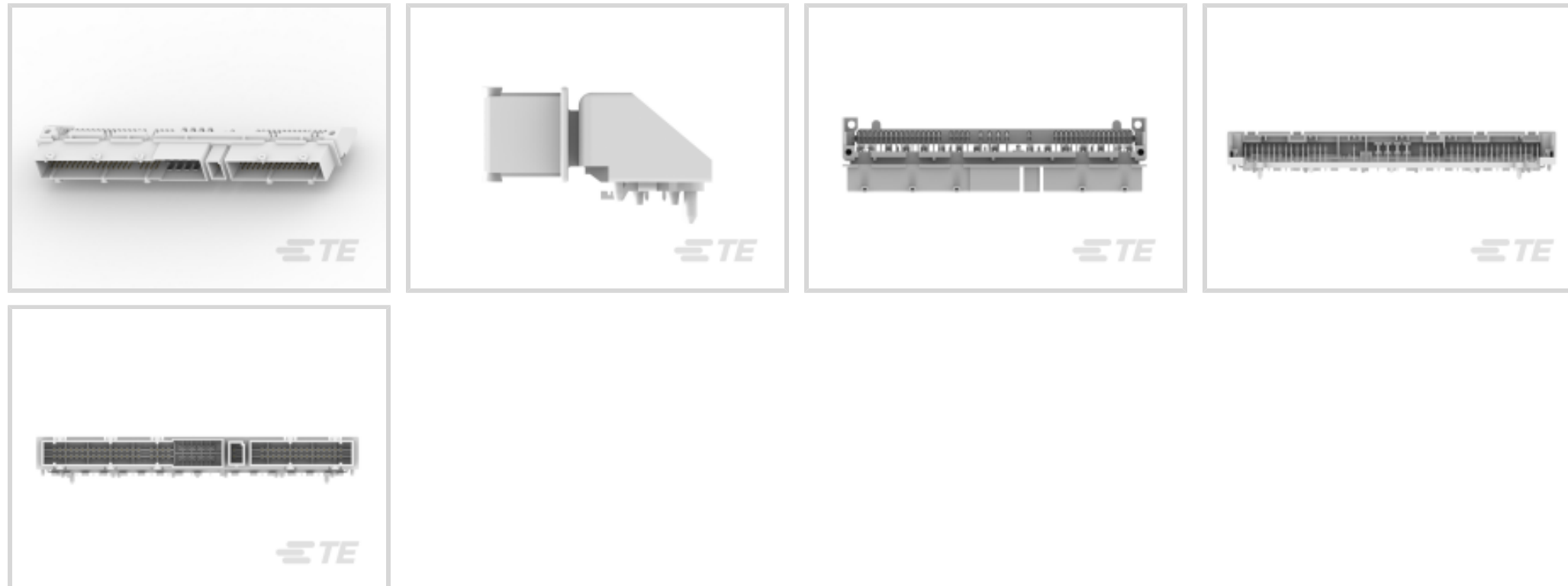
MQS

TE Internal #: 5-967224-3

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

[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 \(64\)](#)

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 Method	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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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

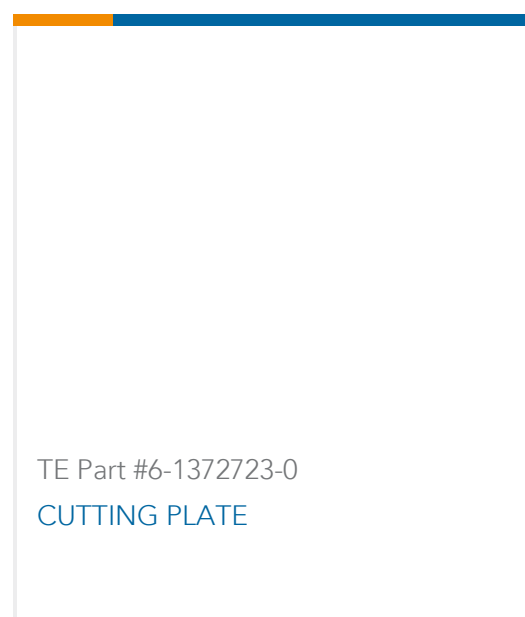
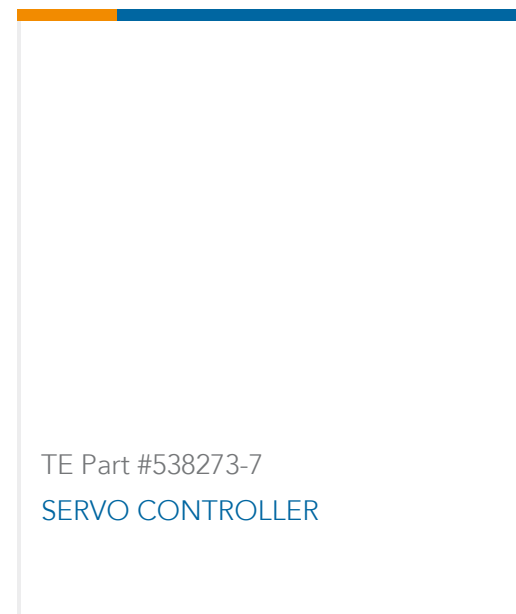
Product Compliance Disclaimer

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>
--	--	--

Customers Also Bought



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.

5-967224-3

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



Datasheets & Catalog Pages

[Datasheet](#)

English