

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



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **80**

Number of Rows: **2**

[All High Pin Count Header \(44\)](#)

Features

Dimensions

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

Other

Interface Number	114-18313-001
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Body Features

Connector & Keying Code	F
Primary Product Color	Natural

Operation/Application



Shielded	Yes
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Circuit Application	Signal
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Mechanical Attachment

Panel Mount Feature	Without
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Mating Retention Type	Locking Interface
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Mounting Holes	With
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Mating Retention	With
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PCB Mount Retention Type	Boardlock
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PCB Mount Retention	With
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PCB Mount Alignment	Without
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Mating Alignment	With
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Contact Features

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

Number of Sections	3
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PCB Mount Orientation	Horizontal
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Number of Positions	80
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Number of Rows	2
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Product Type Features

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

Termination Method to PCB	Through Hole - Solder
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Housing Features

Centerline (Pitch)	3 mm, 5 mm
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

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.

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Datasheets & Catalog Pages

[Datasheet](#)

English