



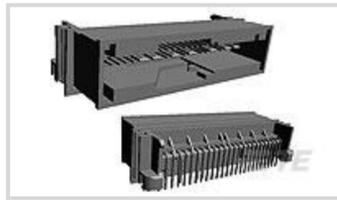
MQS

TE Internal #: 2-368213-9

TE Internal Description: AIR BAG 50P HDR ASSY G-BLK/BD
HIGH PIN COUNT HEADER

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > HIGH PIN COUNT HEADER



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

Number of Positions: **50**

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All HIGH PIN COUNT HEADER \(142\)](#)

Features

Product Type Features

Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Sections	1
Number of Signal Positions	50
Number of Positions	50
PCB Mount Orientation	Horizontal
Number of Rows	2

Body Features

Primary Product Color	Black
Connector Code	B-D

Contact Features

Contact Size	.63mm, 3.4mm
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Contact Type	Tab
Mating Tab Width	.63 mm[.024 in]
Mating Tab Thickness	.63 mm[.024 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	Without
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)	2.54 mm[.1 in]
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Dimensions

Connector Length	73.5 mm[2.89 in]
Connector Width	22.5 mm[.885 in]
Profile Height from PCB	18 mm[.708 in]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Type	Tube
Packaging Quantity	468

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

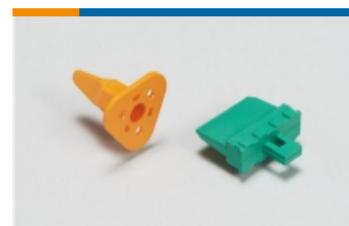
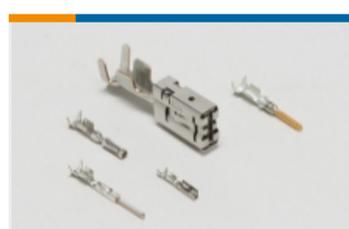
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

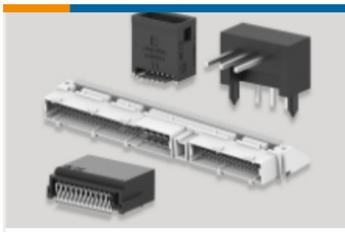
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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>

Also in the Series | **MQS**

			
Automotive Connector Caps & Covers (133)	Automotive Connector EMC Shielding (2)	Automotive Connector Locks & Position Assurance(29)	Automotive Housings(492)
			
Automotive Seals & Cavity Plugs(26)	Automotive Terminals(96)	Insertion & Extraction Tools(42)	Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(209)

Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_2-368213-9_Y.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_2-368213-9_Y.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_2-368213-9_Y.3d_stp.zip](#)

English

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

Product Specifications

Application Specification

English