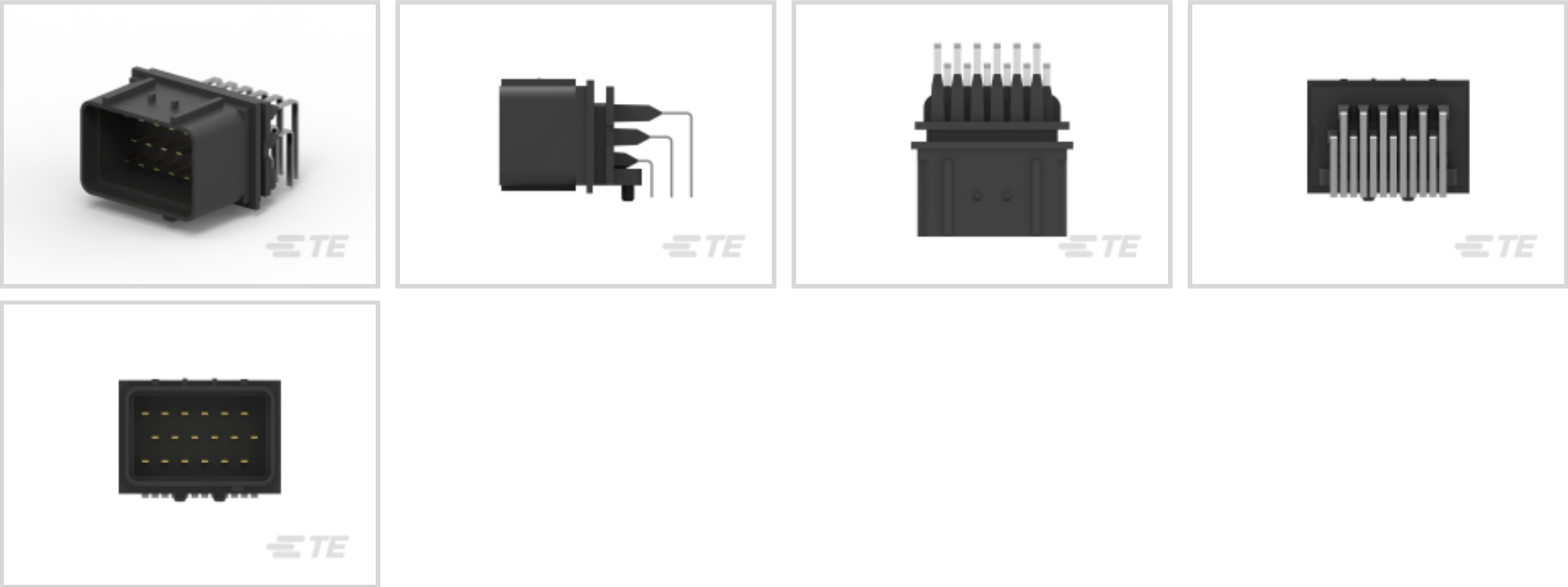




Connectors > PCB Connectors > PCB Headers & Receptacles > Low & Medium Power Header



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

Centerline (Pitch): **5 mm [.197 in]**

Sealable: **Yes**

PCB Mount Orientation: **Horizontal**

Number of Rows: **3**

[All Low & Medium Power Header \(103\)](#)

Features

Product Type Features

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

Configuration Features

Number of Sections	1
PCB Mount Orientation	Horizontal
Number of Rows	3

Body Features

Primary Product Color	Black
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Contact Features

Contact Size	1.8mm
Contact Type	Tab
Mating Tab Width	1.8 mm[.071 in]
Mating Tab Thickness	.64 mm[.025 in]
Contact Mating Area Plating Material	Gold

Mechanical Attachment

Mounting Holes	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Solder Tail
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	5 mm[.197 in]
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Dimensions

Connector Length	52.71 mm[2.07 in]
Connector Width	40.7 mm[1.602 in]
Profile Height from PCB	3 mm[.118 in]

Operation/Application

Shielded	Yes
Circuit Application	Signal

Packaging Features

Packaging Quantity	195
Packaging Method	Box

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 240°C

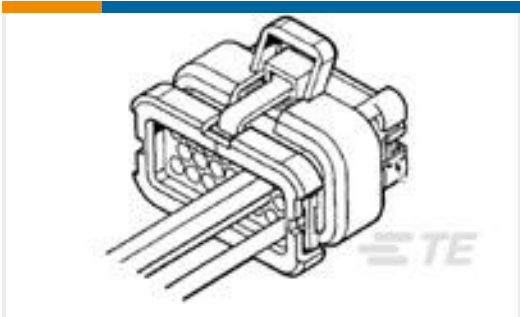
Product Compliance Disclaimer

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

 TE Part # 344106-1 18W EMS.REC.HSG.ASSY.	 TE Part # 343934-1 E.M.S. TAB HEADER (LONG)	 TE Part # 343935-1 E.M.S. TAB HEADER(MEDIUM)	 TE Part # 343936-1 E.M.S.TAB HEADER (SHORT)
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Customers Also Bought

 TE Part #770680-5 23POS,AMPSEAL,SOC HSG ASSY,SLD, COD 5	 TE Part #1-776279-1 8POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1	 TE Part #1-1825059-7 ADF04ST04=DIP SWT,FLUSH,SMT-GW	 TE Part #9-1879510-1 CRGH0805 1% 10K 0.33W
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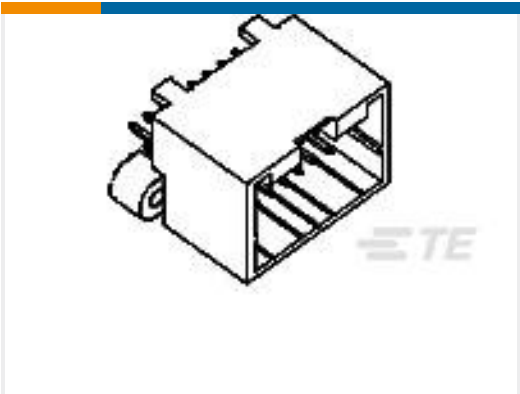
TE Part #1-2331098-1
TAB HEADER 21POS.



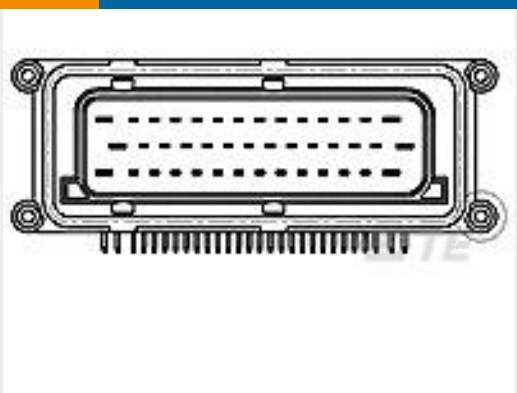
TE Part #2-2331102-1
TAB HEADER 46POS.



TE Part #1-776275-1
8POS, PIN DIA 1.3, HDR ASSY, 180DEG, COD 1



TE Part #174975-2
040 MLC CAP ASSY V 16P



TE Part #1-963484-1
MESSERLEISTE MIX70P

Documents

Product Drawings
18W ENG.MAN.SYS.HEADER

English

CAD Files
3D PDF
English
Customer View Model
ENG_CVM_344103-1_E.2d_dxf.zip

English
Customer View Model
ENG_CVM_344103-1_E.3d_igs.zip

English
Customer View Model
ENG_CVM_344103-1_E.3d_stp.zip

English

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