102557-9 × OBSOLETE

AMPMODU | AMPMODU Headers

TE Internal #: 102557-9

TE Internal Description: 10 MODII HDR DRST SHRD A/PIN

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]

Contact Shape & Form	Square
Contact Base Material	Copper Nickel Tin
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	6.35 mm[.25 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Mating Retention Type	Detent Window
Mating Alignment Type	Polarization
PCB Mount Retention Type	Action/Compliant Tail
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Housing Temperature Rating	High

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA
Compatible With Approved Standards Products	CSA LR7189, UL E28476

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	150
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (40% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

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

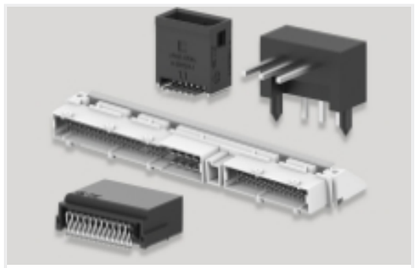
Also in the Series | AMPMODU Headers



Automotive Headers(3)



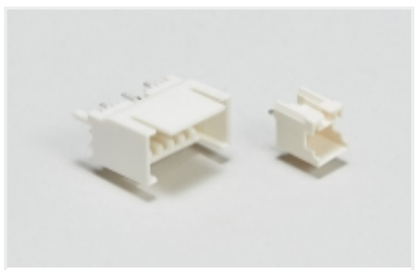
Automotive Signal & Power Headers(3)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)

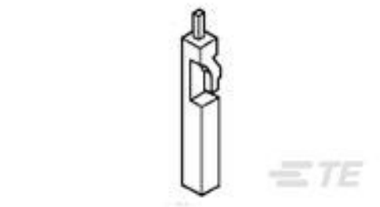


Wire-to-Board Headers & Receptacles (78)

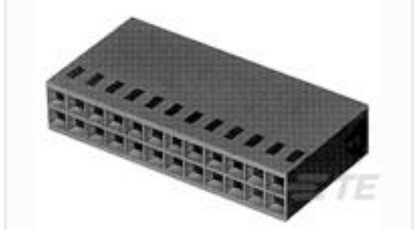
Customers Also Bought



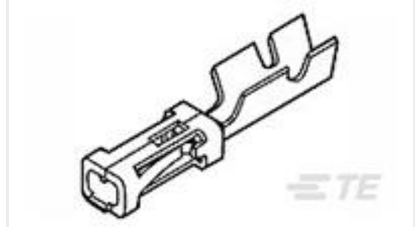
TE Part #66103-2
III+ PIN,24-20,TIN-LEAD,LP



TE Part #87077-2
MOD IV KEYING PLUG



TE Part #5-87456-0
04 MODIV HSG DR MRKD .100CL



TE Part #87756-4
MOD IV RECP PLTD 15 SEL



TE Part #5-103168-3
10 MODII HDR DRST SHRD .100CL



TE Part #3-640426-9
09P MTA156 CONN ASSY 18AWG ORA



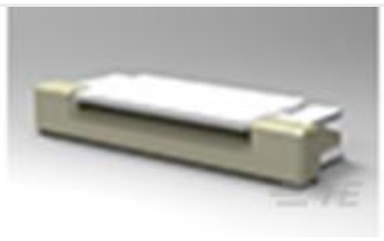
TE Part #640445-9
09P MTA156 HDR ASSY FL/STR SN



TE Part #1658525-7
622-1453LF, PCB IDC, LEAD FREE



TE Part #1658539-3
PIN CONT DUPL PLT LP HD-20 AMP



TE Part #1734839-6
FPC CONN. 0.5MM PITCH T/C, 6P

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_102557-9_R.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_102557-9_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_102557-9_R.3d_stp.zip

English

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Product Specifications

Application Specification

English