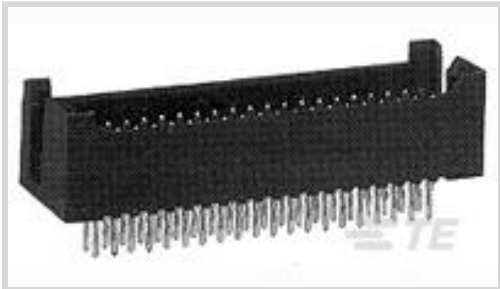




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **24**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	24
Number of Rows	2

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]
Mating Square Post Dimension	.64 mm[.025 in]
	50 μin
Contact Shape & Form	Square
Contact Layout	Inline
Contact Base Material	Copper Alloy



PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.04 mm[.12 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Guide Pin Slots
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	11.43 mm[.45 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	8.13 mm[.32 in]

Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	48
Packaging Method	Tube



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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% 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	Wave solder capable to 240°C

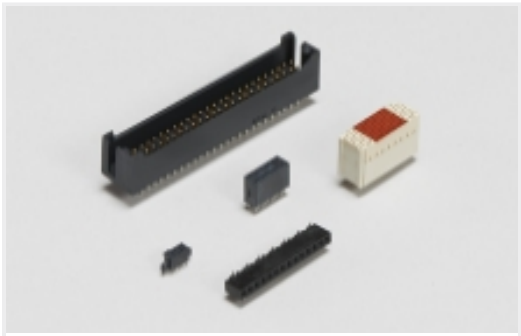
Product Compliance Disclaimer

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>

Also in the Series | AMPMODU Headers



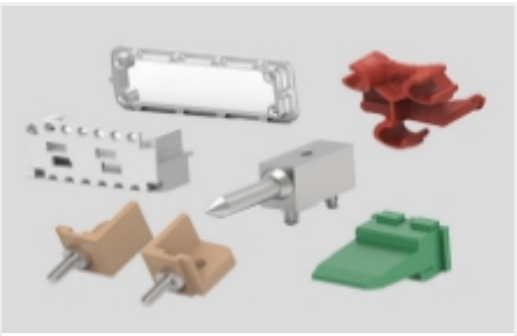
Automotive Headers(1)



Board-to-Board Headers & Receptacles(1576)



Connector Contacts(47)



Connector Hardware(1)



PCB Headers & Receptacles(1621)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies & Housings(5)

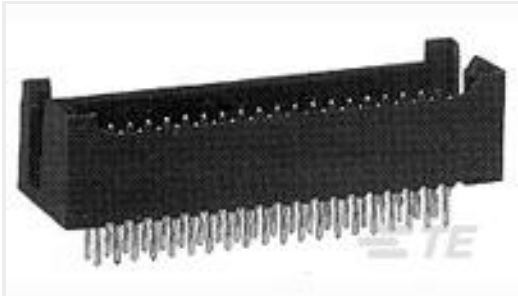


Wire-to-Board Headers & Receptacles (114)

Customers Also Bought



TE Part #3-1546158-0
6PCR-04-008=6 SERIES ASSEMBLY



TE Part #5-533023-8
24 MODII 2PC HDR DR SHRD, RoHS



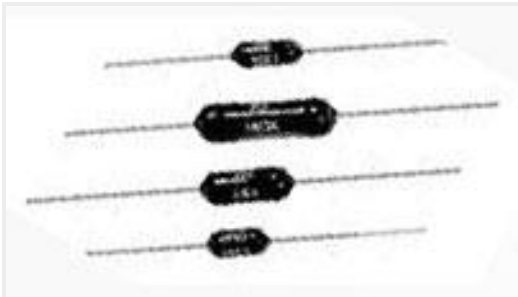
TE Part #1614350-1
RN 0603 10R 0.1% 10PPM 5K RL



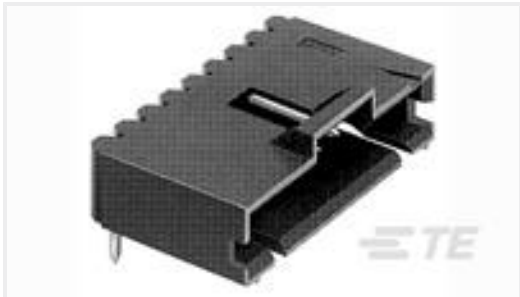
TE Part #1622723-1
LR2 1% 27R



TE Part #102567-2
24 MODII 2PC HDR DR SHRD .100



TE Part #2-1879648-3
H4P 28R7 0.5% 100PPM



TE Part #1-103635-1
12 MTE HDR SRRA LATCH .100CL



TE Part #8-323127-1
SOLIS SPD 22-16COMM 22-18MIL 6



TE Part #1-368067-2
MINI FUSE REC(JPT/PCB TYPE)



TE Part #532955-4
24 MODII 2PC CE RCPT ASSY

Documents

Product Drawings
24 MODII 2PC HDR DR SHRD

English

Datasheets & Catalog Pages
AMPMODU Interconnetion System

AMPMODU Interconnetion System
English

