5-147292-4 ✔ ACTIVE

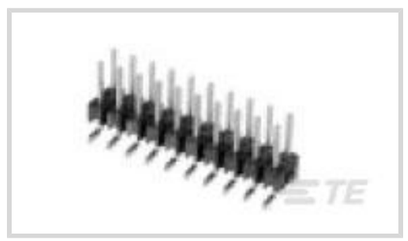
AMPMODU | AMPMODU Headers

TE Internal #: 5-147292-4

PCB Mount Header, Right Angle, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Breakaway, Tin (Sn), Surface Mount, Signal, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **6**

Number of Rows: **2**

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

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Breakaway
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	6
Number of Rows	2
PCB Mount Orientation	Right Angle

Body Features

Connector Profile	Standard
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 µm[100 µin]

Contact Shape & Form	Square
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

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

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	250

Packaging Method	Reel

Product Compliance

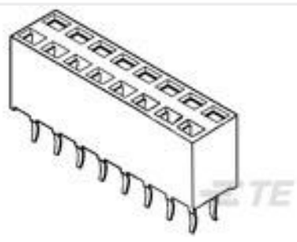
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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 # 1241852-6
HV100 CONNECTOR VERTICAL

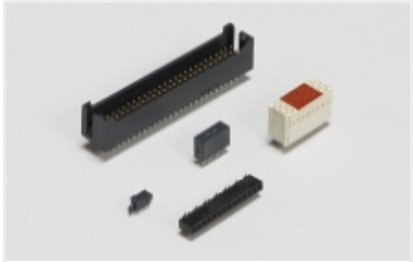


TE Part # 87133-7
06 LOCKING CLIP HSG DR .100CL

Also in the Series | AMPMODU Headers



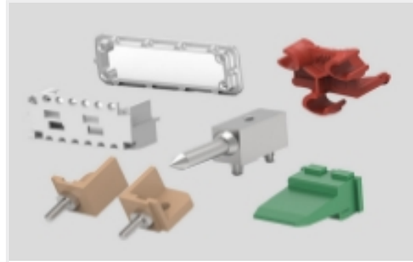
Automotive Signal & Power Headers(3)



Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



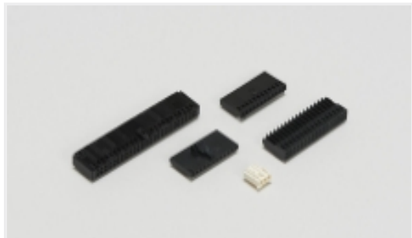
Connector Hardware(1)



Rectangular Connector Housings(2)

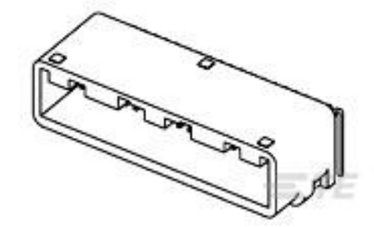


Rectangular Power Connectors(25)



Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #1318745-5
025 32 POS CAP ASSY H



TE Part #2320179-1
8POS,TAB0.63X0.63,HDR ASSY, 180DEG,SLDR



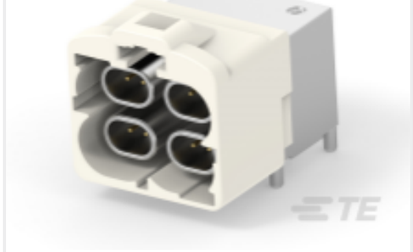
TE Part #2320179-2
8POS,TAB0.63X0.63,HDR ASSY, 180DEG,SLDR



TE Part #2322613-1
12POS,TAB0.63X0.63,HDR ASSY, 180DEG,SLDR



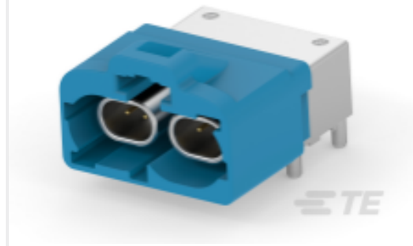
TE Part #2327446-2
52POS,HYBRID,HDR ASSY,90DEG, SLDR



TE Part #2374900-2
GEMnet HDR, ASSY, 4P, 90deg,COD B



TE Part #2374902-1
GEMnet HDR, ASSY, 2P, 90deg,COD A



TE Part #2374902-3
GEMnet HDR, ASSY, 2P, 90deg,COD C

TE Part #1-2398001-1
USB TYPE C, RA HEADER ASSY CODE A AU 30U

TE Part #1-2398001-2
USB TYPE C, RA HEADER ASSY CODE B AU 30U

Documents

Product Drawings

06 MODII HDR DR SFMT B/A T&R, Lead-Free

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-147292-4_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-147292-4_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-147292-4_M.3d_stp.zip

English

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