5-146304-6 ✔ ACTIVE

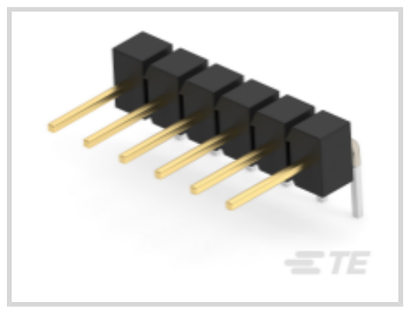
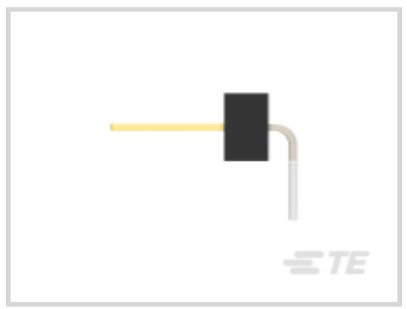
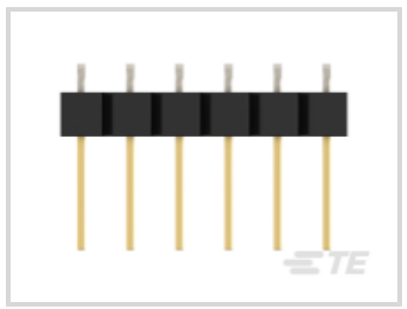
AMPMODU | AMPMODU Headers

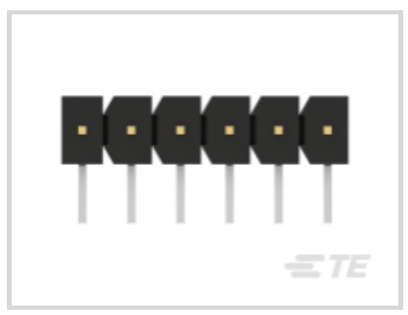
TE Internal #: 5-146304-6

PCB Mount Header, Right Angle, Board-to-Board, 6 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Through Hole - Solder, Signal, AMPMODU Headers

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **6**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	6
Number of Rows	1

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]

	100 – 200 µin
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	25
Packaging Method	Tray

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	Not Low Halogen - contains Br or Cl > 900 ppm.
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

Compatible Parts



TE Part # 5-534237-4
06 MODII VRT SR CE 100/115

Also in the Series | AMPMODU Headers



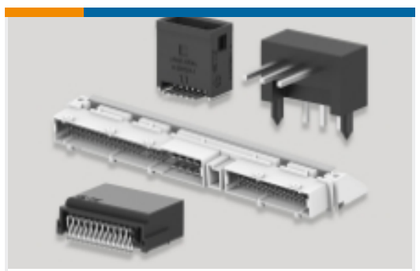
Connector Caps & Covers(1)



Connector Contacts(64)



Connector Hardware(2)



PCB Headers & Receptacles(3204)

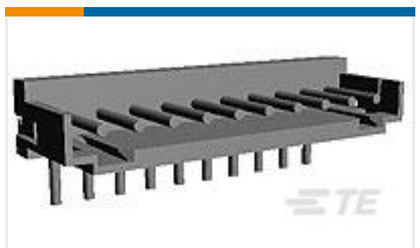


Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought



TE Part #640453-2
02P MTA100 HDR ASSY SQ R/A



TE Part #292253-3
CT CONN MT HDR ASSY H 3P NAT



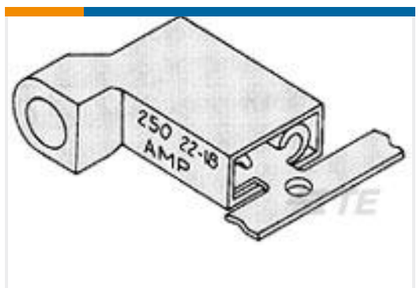
TE Part #5050462-2
SOCKET,MIN-SPR W/H SN-AU SER-2



TE Part #103361-6
08 MODII HDR SRRA SHRD .100CL



TE Part #87220-3
03 MODII HDR SRST UNSHRD .100



TE Part #3-520340-2
ULTRA-FAST 187 ASY REC 16-14 AWG TPBR



TE Part #1410141-1
MULTIGIG RT T2 .8" BP FULL LEF



TE Part #1410326-3
MULTIGIG RT T2 7RW DC DF CT



TE Part #DT15-6P
HDR, 6P, GRY, ST, NI/CU



TE Part #NB15492001
RNF-100-3/64-BK-STK

Documents

Product Drawings

06 MODII HD SRRA B/A .100CL,LF

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-146304-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_5-146304-6_B.3d_stp.zip

English

Customer View Model

ENG_CVM_5-146304-6_B.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

917696-1 U5254-000005-030PA 1-794222-0 2-292161-3 2377783-2 SMW73R0JT 141991-2 175977-2 CRGCQ2010J3K3 SBCHE154R7K TE50BR39J 1393431-1 2834055-1 3-1393225-0 ROX05SJ18R 2310537-1 3631B101LL 1-962915-1 3430B2F51RTDF 936348-1 2005330-1 2380312-2 CPF0402B37K4E1 SBCHE64R7K 1743455-2 650075-000 MPT100C18RF RH73H2A40MKTN 1903112-2 1969656-1