1-1241150-0 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 1-1241150-0

PCB Mount Header, Vertical, Board-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Breakaway, Gold, Surface Mount, Signal, Black, AMPMODU Headers

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **10**

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	Vertical
Number of Positions	10
Number of Rows	1
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3 – 5 µm
Contact Shape & Form	Square
Contact Underplating Material	Nickel

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Zinc, Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

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

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	PCT GF

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Blister Pack

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	Reflow solder capable to 260°C

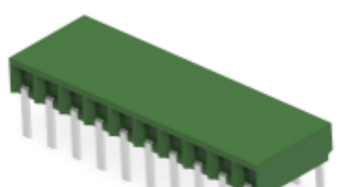
Product Compliance Disclaimer

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

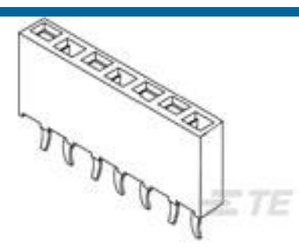


TE Part # 1-1241152-0
10P HV100 REC. CON, SMD, GOLD, BLISTER

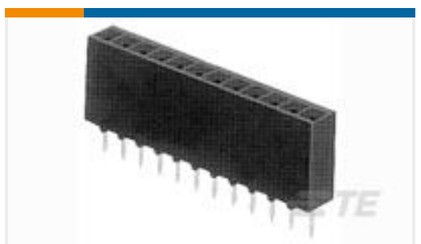


TE Part # 1-216602-0
10P HV190 FEDERLEIS

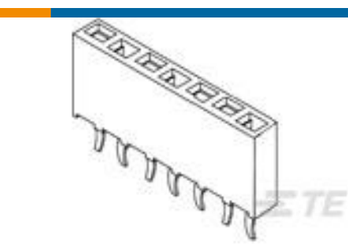
TE Part # 1-925366-0
MOD 4 REC.HSG 1X10P



TE Part # 1-215297-0
10P HV100 REC CON. TE, 7.0MM



TE Part # 1-829265-0
10P HV100 REC.CON. B/TE,6.2,NO KINK



TE Part # 1-215299-0
10P HV100 REC CON. TE, 8.5MM

Also in the Series | AMPMODU Headers



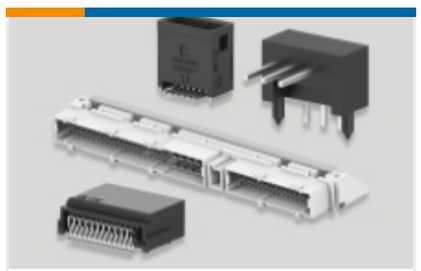
Connector Caps & Covers(1)



Connector Contacts(64)



Connector Hardware(2)



PCB Headers & Receptacles(3204)



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

Customers Also Bought



TE Part #1658544-1
PIN CONT DUPL PLT LP HD-20 AMP



TE Part #2007194-1
SFP+ 1x1 Cage Assembly, PCI, Solder Tail



TE Part #1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



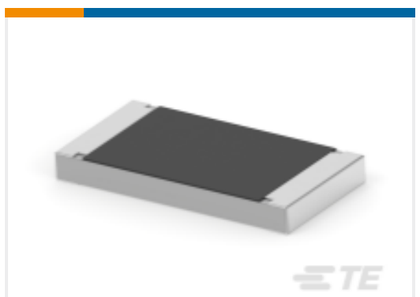
TE Part #2029104-2
2P MICRO MNL HDR ASY SR SIDE N



TE Part #4-644662-0
10P MTA156 CONN ASSY 22AWG LF



TE Part #5-146128-6
08 MODII HDR SR SFMNT B/A .100



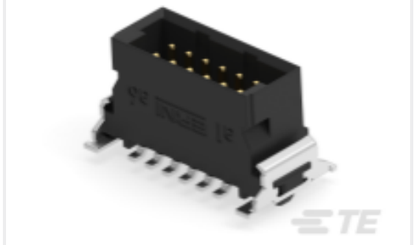
TE Part #2-2176348-1
CRGCQ 2010 2K2 5%



TE Part #1-521384-3
ASSY PL R/A RAST5 HEADER 03-B



TE Part #154764-E
SMCB 26 M AB VV 7-03 CL * 0007 137 E004



TE Part #244836-E
SMCQ 12 M AB VV 8-13 CL * H007 137 E005

Documents

Product Drawings

10P MOD II BREAK AWAY HDR,SMD, BLISTER

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1241150-0_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1241150-0_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1241150-0_C.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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