103240-2 ✔ ACTIVE

AMPMODU | AMPMODU Headers

TE Internal #: 103240-2

AMPMODU Headers, PCB Mount Header, Vertical, Board-to-Board, 4 Position, 2.54mm [.1in] Centerline, Breakaway, Gold, Printed Circuit Board

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles

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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

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

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

Number of Rows	2
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	4
Board-to-Board Configuration	Parallel

Body Features

Post Size	.64 mm[.025 in]

Contact Features

	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

Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to Printed Circuit Board	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 Color	Black
Housing Material	Thermoplastic

Dimensions

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

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

Packaging Features

Packaging Quantity	500
Packaging Method	Carton

Other

Comment	Headers may be broken to desired number of positions using Hand Tool No. 91406-1, or Tool Kit No. 314818-1. Other tail lengths are available, consult TE Connectivity.

Product Compliance

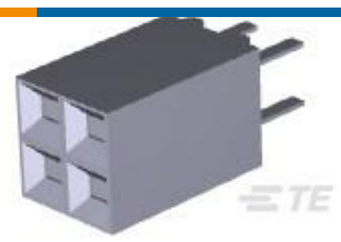
For compliance documentation, visit the product page on TE.com>

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: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205) Pb (13% in Component Part)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2020 (205)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

Product Compliance Disclaimer

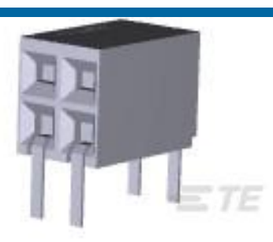
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 534206-2
04 MODII VRT DR CE 100/115

TE Model / Part # 5147722-1
04 MODII HORZ DR SFMNT 30AU



TE Model / Part # 6-5535512-1
04 MODII HORZ DR CE EESS .100

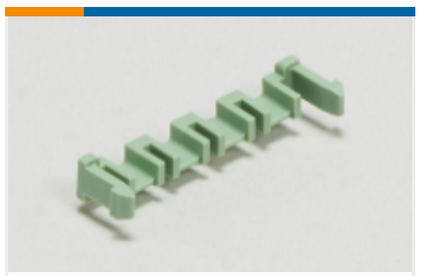
Also in the Series | AMPMODU Headers

Automotive, Truck, Bus, & Off-Road Headers(7)

Board-to-Board Headers & Receptacles(5291)

PCB Connector Mounting(1)

PCB Connector Shrouds(1)



PCB Latches, Locks & Retainers(2)

Wire-to-Board Connector Assemblies & Housings(3)

Wire-to-Board Connector Contacts(50)

Wire-to-Board Headers & Receptacles (75)

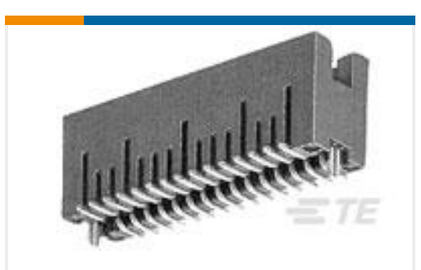
Customers Also Bought

TE Model / Part #3-1437538-0
840-AG11D=SOCKET ASSY

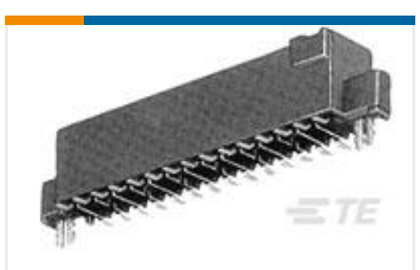
TE Model / Part #146021-1
MEMCD STD RIGHT EJECTOR

TE Model / Part #1-2007492-7
SFP+assy2x1 EMI Sprg Outer Lp Sn Enhance

TE Model / Part #205734-5
09 RCPT SP/MS STD

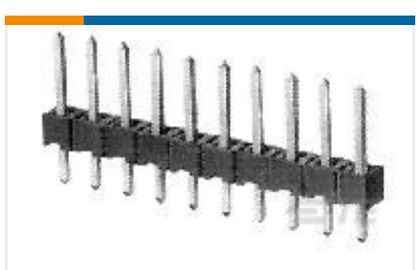


TE Model / Part #104656-6
60 50/50 HDR DRST SFMNT .320



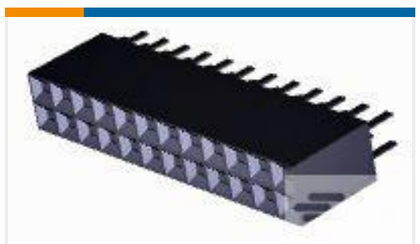
TE Model / Part #104652-2
20 50/50 GRID DRST SFMNT RCPT

TE Model / Part #103240-7
14 MODII HDR DRST B/A .100CL



TE Model / Part #103239-8
08 MODII HDR SRST B/A .100CL

TE Model / Part #66471-1
PIN,.062 DIA,.045 SQ POST,LP



TE Model / Part #1-535542-2
24 MODIV VRT DR CE 100/130

Documents

Product Drawings

04 MODII HDR DRST B/A .100CL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_103240-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_103240-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_103240-2_F.3d_stp.zip

English

Product Environmental Compliance

REACH Substance Communication Document

English