4-146478-0 × OBSOLETE

AMPMODU | AMPMODU Headers

TE Internal #: 4-146478-0

TE Internal Description: 40 MODII HDR SRST UNSHRD STKG

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **40**

Number of Rows: **1**

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

Features

Product Type Features

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

Configuration Features

Stackable	Yes
Number of Positions	40
Number of Rows	1
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 MΩ

Body Features

Primary Product Color	Black

Contact Features

	100 – 200 µin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square

Contact Layout	Inline
Contact Mating Area Length	8.38 mm[.33 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	2.54 mm[.1 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder

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	Thermoplastic

Dimensions

Stack Height	22.86 mm[.899 in]
PCB Thickness (Recommended)	1.4 mm[.055 in]

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	100
Packaging Method	Package

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: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

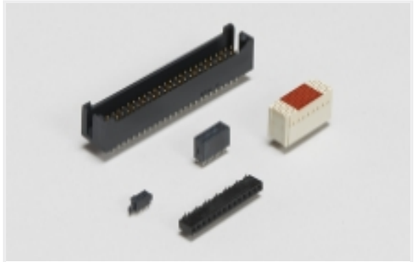
Product Compliance Disclaimer

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 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



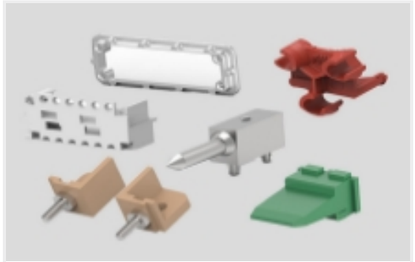
Automotive Signal & Power Headers(3)



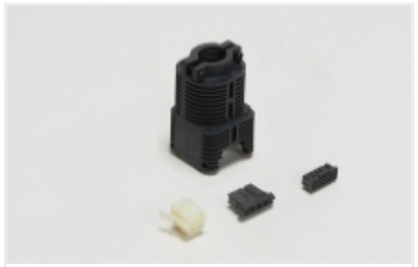
Board-to-Board Headers & Receptacles(1147)



Connector Contacts(15)



Connector Hardware(1)



Rectangular Connector Housings(2)



Rectangular Power Connectors(25)

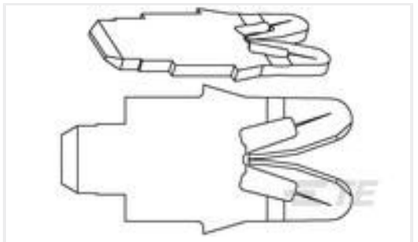


Wire-to-Board Connector Assemblies & Housings(2)

Customers Also Bought



TE Part #3-644457-7
07P MTA100 HDR ASSY R/A NARROW



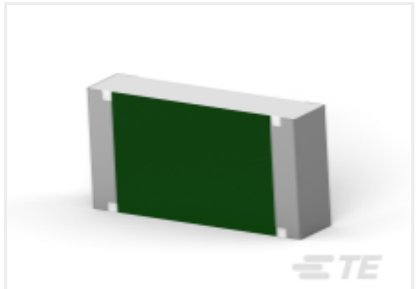
TE Part #4-1601088-2
031-159-002=TAB,2.0X.51,STDSMZ



TE Part #4-2176091-3
RP 2A 0.25W 158R 0.1% 25PPM 1K RL



TE Part #5-2176305-3
RP 1E 0.1W 374R 0.1% 25PPM 5K RL



TE Part #2176397-6
3502 1R6 1%



TE Part #2266669-2
OCEAN_2.0_Applicator-S-090F200F-RSA



TE Part #4-146509-0
80 MODII HDR DRST UNSHRD STKG



TE Part #4-146475-0
40 MODII HDR SRST UNSHRD STKG



TE Part #4-1546119-3
3PCV-30-006



TE Part #5-146494-4
08 MODII HDR DRST UNSHRD STKG

Documents

Product Drawings

40 MODII HDR SRST UNSHRD STKG

English

Datasheets & Catalog Pages

AMPMODU Interconnetion System

AMPMODU Interconnetion System

English