

87527-3 x OBSOLETE

AMPMODU | AMPMODU Headers

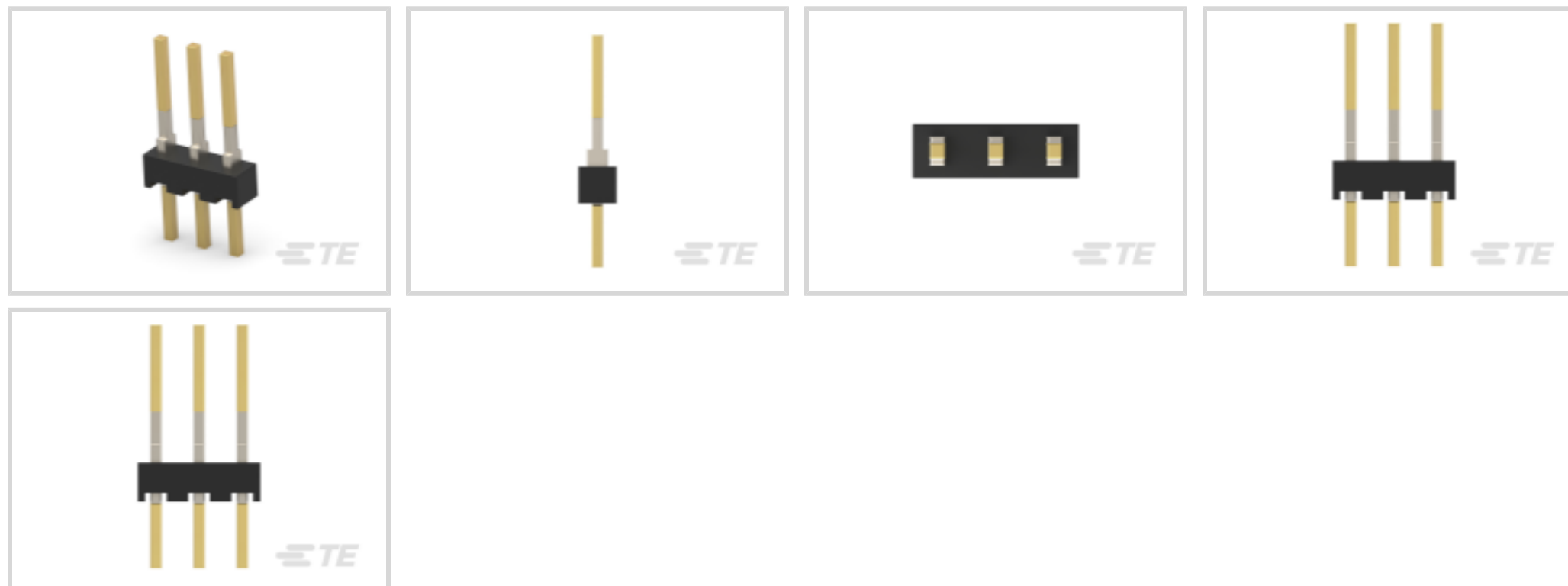
TE Internal #: 87527-3

TE Internal Description: 03 MODII HDR SRST UNSHRD .100

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

Connector System: Board-to-Board

Number of Positions: 3

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

Connector Contact Load Condition	Fully Loaded
Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Insulation Resistance	5000 M Ω
Dielectric Withstanding Voltage (Max)	750 Vrms

Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.91 mm[.154 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	Nylon GF

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
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Usage Conditions

Housing Temperature Rating	Standard
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Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	500
Packaging Method	Carton

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

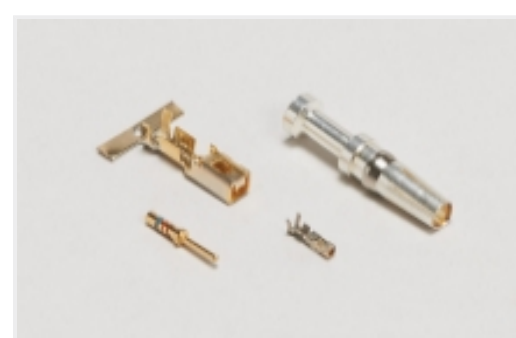
Also in the Series | AMPMODU Headers



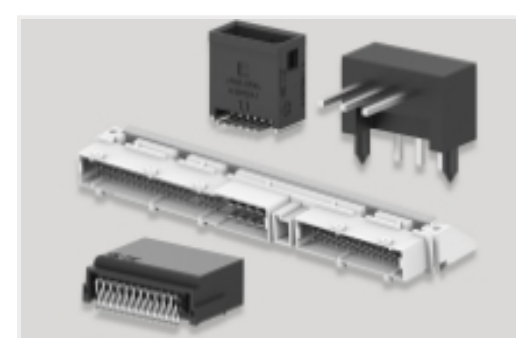
Automotive Headers(3)



Automotive Signal & Power Headers(3)



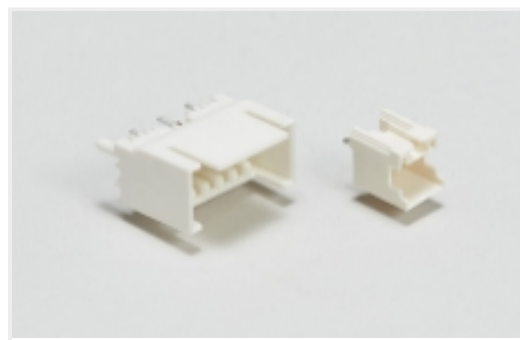
Connector Contacts(15)



PCB Headers & Receptacles(1173)



Rectangular Power Connectors(25)

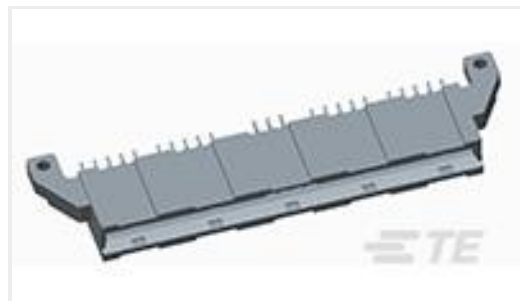


Wire-to-Board Headers & Receptacles (78)

Customers Also Bought



TE Part #1-178141-5
DYNAMIC CONN 6P V HDR ASSY



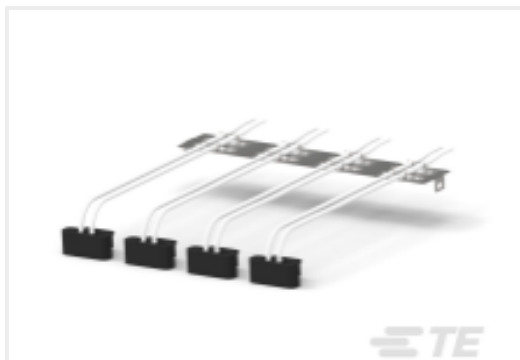
TE Part #1766200-1
284-0472-15000E=TA CE STRDDL MN



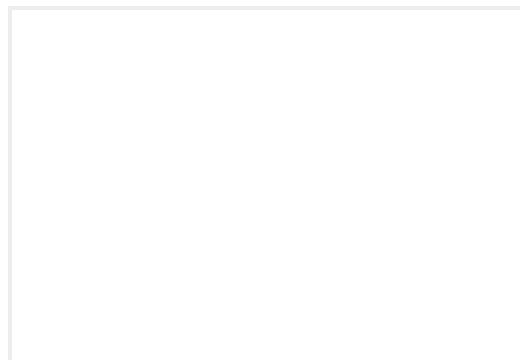
TE Part #1-2199230-6
M.2 0.5PITCH 4.2H KEY M 30U AU



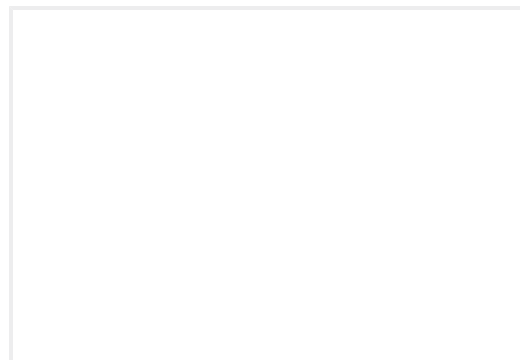
TE Part #2274853-1
SW RA RCP ASM, 4P, 6C, 85O, PIC



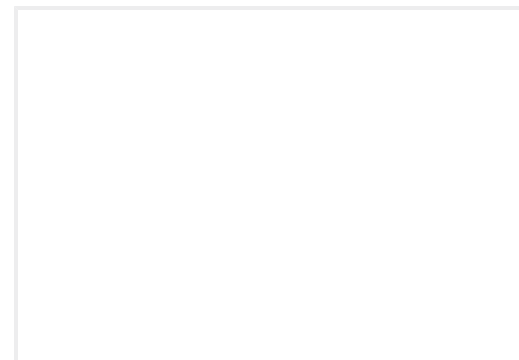
TE Part #2325080-5
LIGHTPIPE ASSEMBLY, OSFP



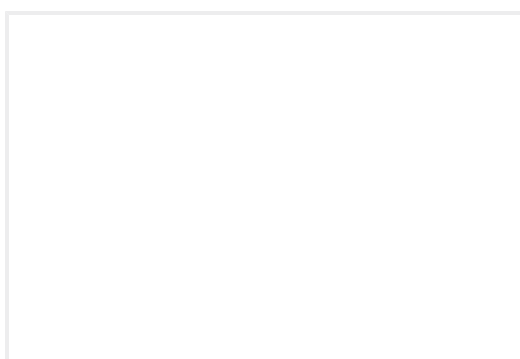
TE Part #1-2327677-3
RECEPT ASSY, 140 POS, VERT, SLIVER 2.0



TE Part #1-6450570-4
MBXL R/A RCPT 2P+16S+2P



TE Part #2317909-1
CA, DF TRAY POWER



TE Part #2397013-4
#4 RAPID LOCK PIN ASM, LOCK GROOVE, SM



TE Part #1604072-2
REDUCING BUSHING,120A PWR PROD

Documents

[CAD Files](#)

[3D PDF](#)

English

Customer View Model

[ENG_CVM_87527-3_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_87527-3_G.3d_stp.zip](#)



English

Customer View Model

[ENG_CVM_87527-3_G.2d_dxf.zip](#)

English

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