



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: **3**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	30 VAC
-------------------	--------

Dimensions

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

Packaging Features

Packaging Quantity	73
Packaging Method	Tube

Industry Standards

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

Usage Conditions

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

Body Features

Connector Profile	Standard
Primary Product Color	Black

Termination Features

Termination Post & Tail Length	2.29 mm
--------------------------------	---------



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

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	2.54 – 5.08 μm[100 – 200 μin]
Mating Square Post Dimension	.64 mm[.025 in]
	100 – 200 μin
Contact Shape & Form	Square
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	LCP-GF (Liquid Crystal Polymer), LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

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

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

Mechanical Attachment

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



Mating Alignment

Without

Operation/Application

Circuit Application	Signal
---------------------	--------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Pin-in-Paste 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 # 5-146763-6
04 MODII VRT SR CE 100

Also in the Series | AMPMODU Headers



Automotive Headers(3)



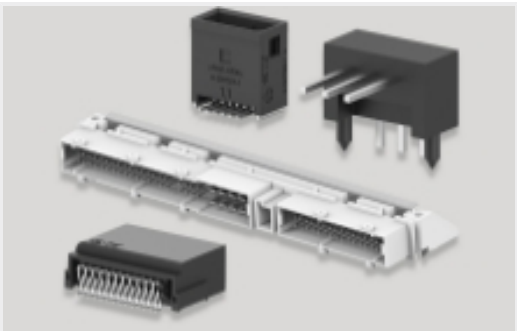
Board-to-Board Headers & Receptacles(1571)



Connector Contacts(52)



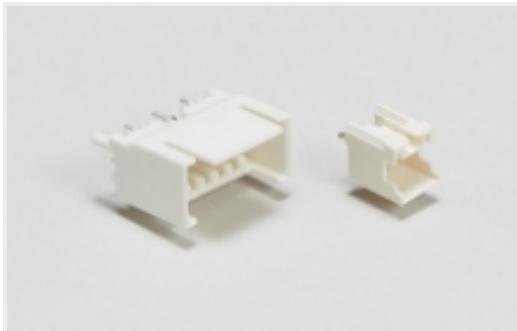
Connector Hardware(1)



PCB Headers & Receptacles(1618)



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

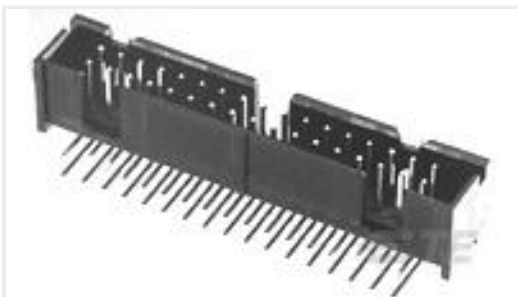


Wire-to-Board Headers & Receptacles (116)

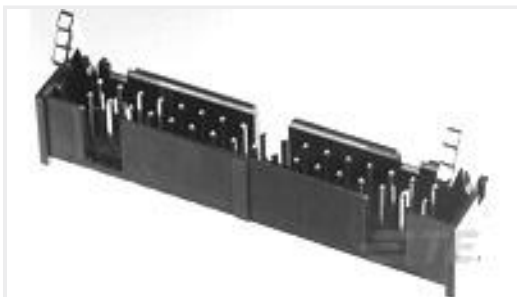
Customers Also Bought



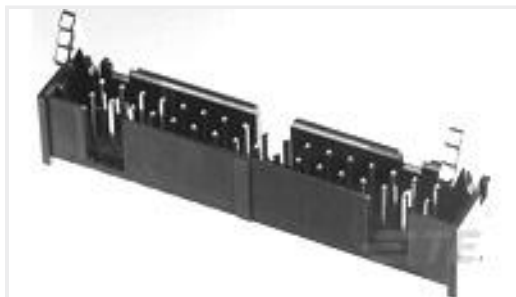
TE Part #1461402-6
OJE-SH-112LM,000



TE Part #5103310-2
A/L LOW PRO HDR 14P RA BLACK



TE Part #2-1761608-6
IDC LOW PRO HDR 16P VERT SHT L



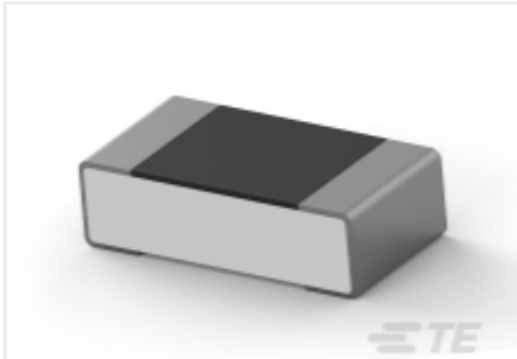
TE Part #3-1761608-0
IDC LOW PRO HDR 30P VERT SHT L



TE Part #5-535541-6
08 MODIV VRT SR CE 100/115



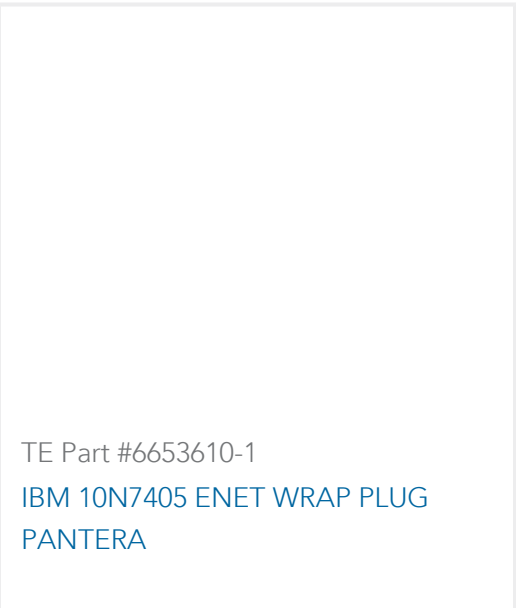
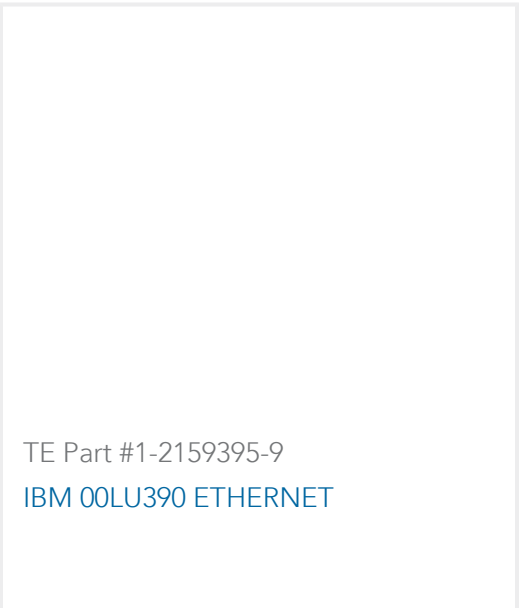
TE Part #2-2176339-7
CRGCQ 0603 1K5 1%



TE Part #1-2176369-0
RQ 0603 49R9 0.1% 10PPM 5K RL



TE Part #1658622-7
30 NOVO MIL/CTR 30DP, LEAD FREE



Documents

Product Drawings

03 MODII HDR SR SFMNT B/A .100

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5-146132-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_5-146132-1_L.3d_stp.zip

English

Customer View Model

ENG_CVM_5-146132-1_L.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

Product Specifications

PRODUCT SPECIFICATION, INTERCONNECTION SYSTEM, AMPMODU, 2 PIECE

English

Product Specification

Japanese

Product Specification

English