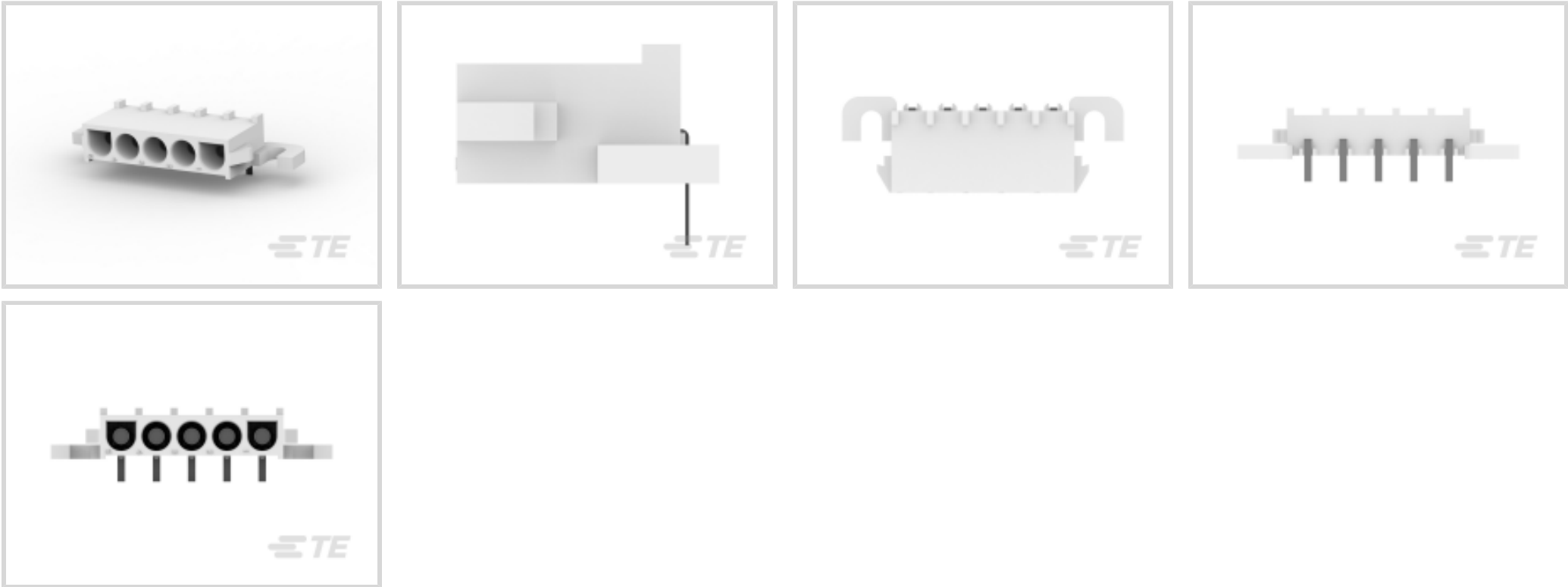




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **5**

Number of Rows: **1**

Features

Electrical Characteristics

Operating Voltage	600 VAC
-------------------	---------

Dimensions

Connector Width	17.27 mm[.68 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	9.14 mm[.36 in]
Connector Length	50.67 mm[1.995 in]

Packaging Features

Packaging Quantity	140
Packaging Method	Box

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire



UL Flammability Rating	UL 94V-0
------------------------	----------

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Locking Tab
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Mounting Ears
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Termination Post & Tail Length	4.06 mm[.16 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.79 µm[50 – 70 µin]
Contact Size	2.95mm
Contact Mating Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
PCB Contact Termination Area Plating Material Thickness	3.81 – 5.08 µm[150 – 200 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Socket
Contact Current Rating (Max)	12 A

Housing Features

Mating Entry Location	Side
-----------------------	------



Housing Material	Nylon
Centerline (Pitch)	6.35 mm [.25 in]

Configuration Features

Number of Columns	5
Number of Loaded Positions	5
Number of Power Positions	5
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	5
Number of Rows	1

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Body Features

Primary Product Color	Natural
-----------------------	---------

Operation/Application

Circuit Application	Power
---------------------	-------

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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

Solder Process CapabilityWave solder capable to 265°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>

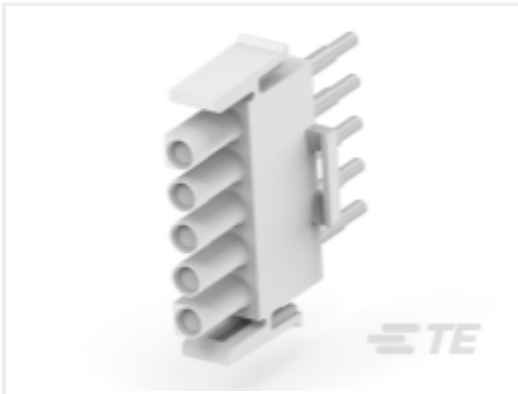
Compatible Parts

 TE Part # 350809-1 05P UMNL PLUG HSG	 TE Part # 643030-2 05P UMNL STR/REL V2 NATL	 TE Part # 1969806-1 04P UMNL HDR ASSY R/A, SCKT V0 GW	 TE Part # 1-350589-0 STR/REL CLAMP NATL
 TE Part # 926306-5 UMNL 5 WAY CAP HSG	 TE Part # 643030-1 05P UMNL STR/REL	 TE Part # 1969808-1 05P UMNL HDR ASSY R/A, PIN V0 GW	 TE Part # 643030-3 05P UMNL STR/REL V2 NATL





TE Part # 770016-1
05P UMNLI IN-LNE PLUG HSG KIT



TE Part # 350848-5
05P UMNL PLUG TEST ASSY 94VO



TE Part # 350811-1
STR/REL CLAMP



TE Part # 643030-4
05P UMNL STR/REL

Also in the Series

Universal MATE-N-LOK



Connector Caps & Covers(34)



Connector Contacts(209)



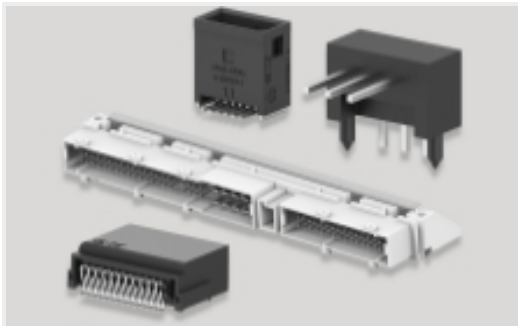
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



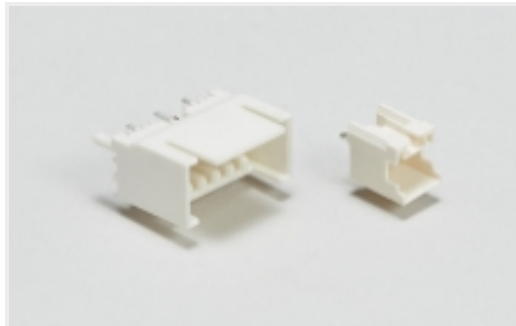
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(284)

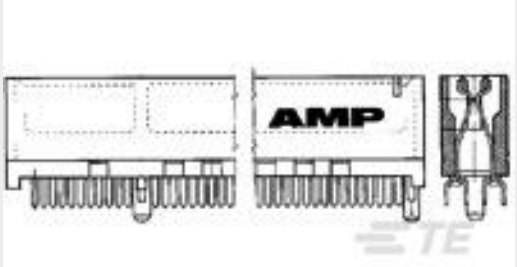


Power Contacts(209)

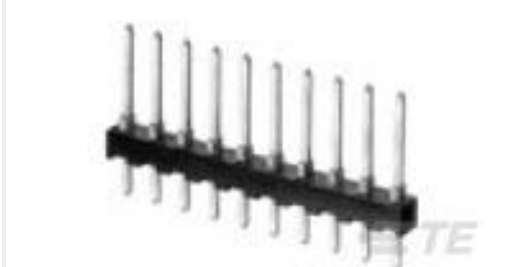


Wire-to-Board Headers & Receptacles
(284)

Customers Also Bought



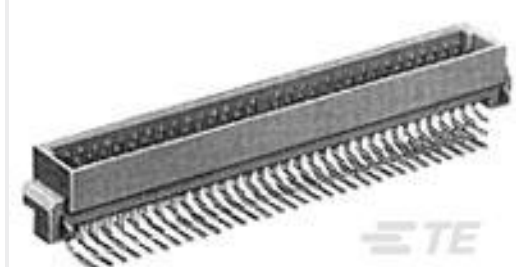
TE Part #5650090-3
STANDARD EDGE .050 SERIES 40
DUAL ASSY



TE Part #825440-8
OD 2 PINHDR 2X08P.



TE Part #770262-3
06P UMNL SOK HDR ASSY 94VO LF



TE Part #5650913-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part #1-1624112-1
3650 0603 0.12uH 5% 2K RL



TE Part #1734035-1
MINI USB, TYPE B, R/A, SMT



TE Part #171819-1
13P MIC CAP HSG



TE Part #203324-E
MJIM IMV 1X1 S 88 * X R THRU * L2
M3D01



Documents

Product Drawings

05P UMNL HDR ASSY R/A 94VO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_643232-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_643232-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_643232-1_H.3d_stp.zip

English

Customer View Model

ENG_CVM_643232-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_643232-1_D.3d_stp.zip

English

Customer View Model

ENG_CVM_643232-1_D.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English