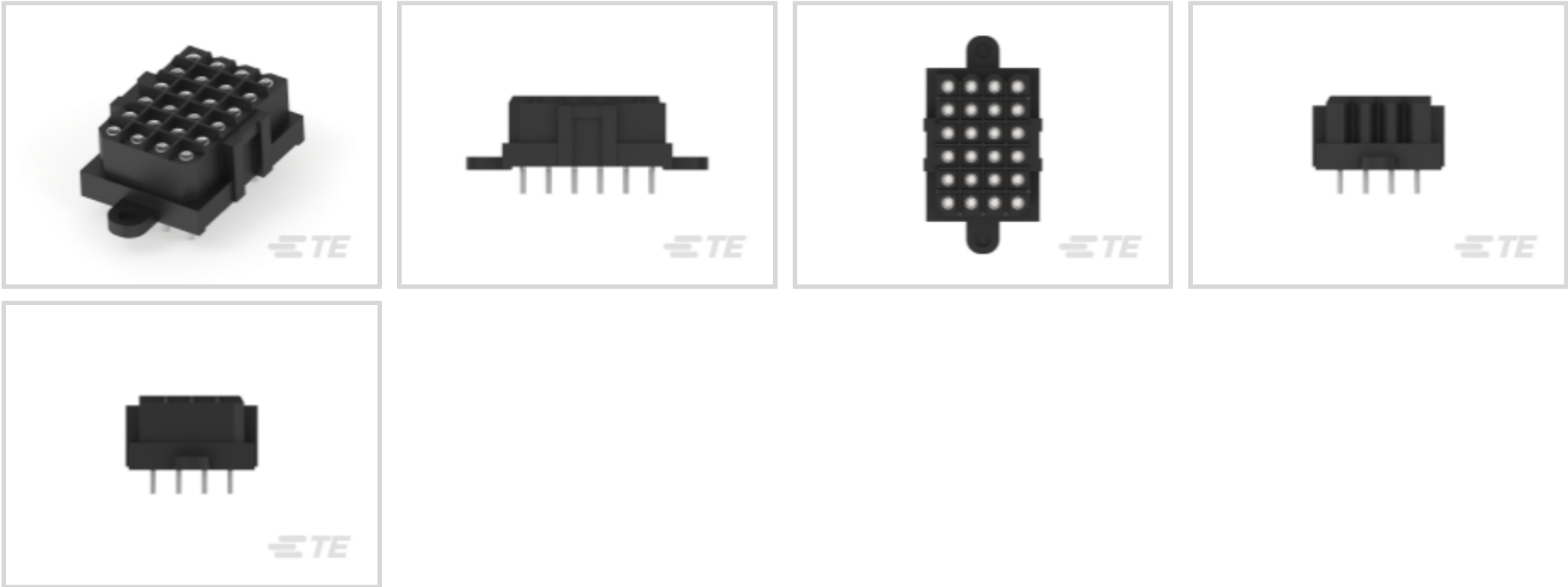




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **24**

Number of Rows: **6**

Features

Electrical Characteristics

Operating Voltage	600 VDC
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Dimensions

Row-to-Row Spacing	5 mm[.197 in]
Connector Width	20.32 mm[.8 in]
Connector Height	14.35 mm[.565 in]
Connector Length	30.55 mm[1.203 in]

Packaging Features

Packaging Quantity	32
Packaging Method	Tray

Industry Standards

Compatible With Agency/Standards Products	UL, VDE, CSA
UL Flammability Rating	UL 94V-0

Usage Conditions

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Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-55 – 130 °C[-67 – 266 °F]

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Screw Mount
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Termination Post & Tail Diameter	.99 mm[.039 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Underplating Material	Nickel
Mating Pin Diameter	1.75 mm[.069 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
PCB Contact Termination Area Plating Material Thickness	3.81 µm[150 µin]
Contact Layout	Matrix
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	7.5 A

Housing Features

Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]

Configuration Features

Number of Columns	4
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Number of Loaded Positions	24
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	24
Number of Rows	6

Product Type Features

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

Body Features

Primary Product Color	Black
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Operation/Application

Circuit Application	Power & Signal
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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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave 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 # 207305-1
24 POS SQ GRID METRIMATE-RCPT

Also in the Series | AMP Metrimate

Connector Caps & Covers(4)

Connector Hardware(4)

Insertion & Extraction Tools(1)

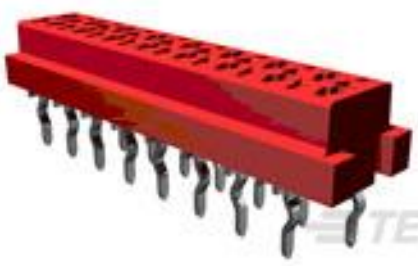
PCB Headers & Receptacles(80)

Rectangular Connector Housings(34)

Rectangular Contact Inserts(4)

Wire-to-Board Headers & Receptacles (80)

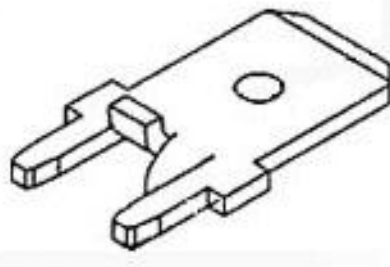
Customers Also Bought



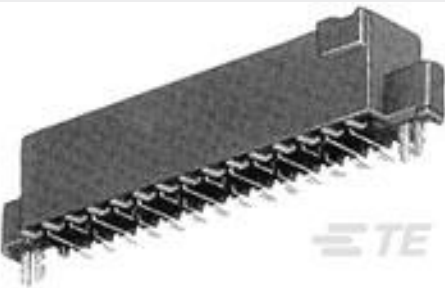
TE Part #8-215079-0
[MICRO-MATCH FOB.10P](#)



TE Part #5555140-1
[MJ,LPF,R/A,6P/6C,SHLD,PNL GRD](#)



TE Part #1217167-1
[250 FASTON,PCB TAB,TCBR](#)



TE Part #5-147384-3
[30 50/50 GRID SMT RCPT VC LF](#)



TE Part #1-1676480-6
[CRG0402 1% 160K](#)



TE Part #1289310001
[TMS-SCE-1K-3/32-2.0-4](#)



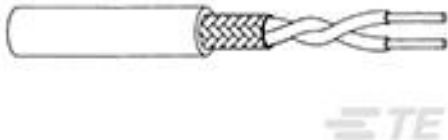
TE Part #2-1393844-3
[RM78702](#)



TE Part #6-1617831-5
[TD229C-1803SX=TDFR 180 SEC](#)



TE Part #8-1393792-8
[V23105A5003A201](#)



TE Part #4451823005
[2524E0311-9](#)

Documents

Product Drawings

[SKT HDR ASSY,24P,MMATE LF](#)

English

[SKT HDR ASSY,24P,MMATE LF](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-207532-0_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-207532-0_N.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-207532-0_N.2d_dxf.zip](#)

English

[3D PDF](#)

English



3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207532-0_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207532-0_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-207532-0_AB.3d_stp.zip

English

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

Datasheets & Catalog Pages

METRIMATE_PIN_SOCKET_CATALOG

English

Product Specifications

Product Specification

English

Agency Approvals

CSA Certificate

English