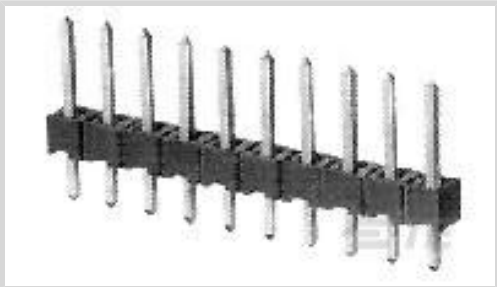




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **16**

Number of Rows: **1**

Features

Dimensions

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

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 Vrms

Packaging Features

Packaging Quantity	500
Packaging Method	Carton

Industry Standards

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

Usage Conditions

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

Termination Features

Termination Post & Tail Length	3.2 mm[.126 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Solder



Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material Thickness	.8 µm[31.5 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.5 µm
Contact Shape & Form	Square
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold or Gold Flash over Palladium Nickel
Contact Type	Pin
Contact Current Rating (Max)	5 A

Housing Features

Housing Material	PBT
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	16
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

Body Features

Primary Product Color	Green
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Mechanical Attachment

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



Mating Alignment

Without

Operation/Application

Circuit Application	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

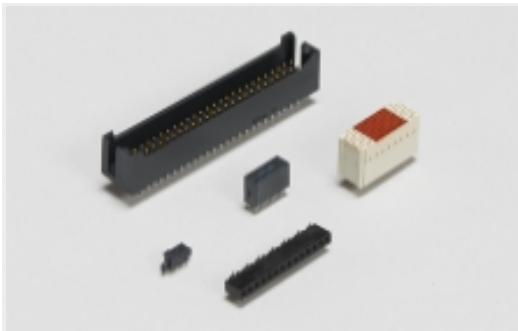


TE Part # 1-925369-6
MOD 4 REC.HSG 1X16P

Also in the Series | AMPMODU Headers



Automotive Headers(3)



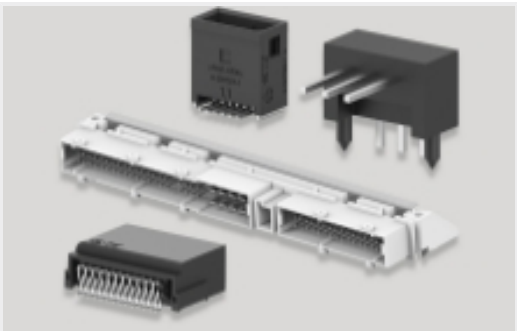
Board-to-Board Headers & Receptacles(1571)



Connector Contacts(52)



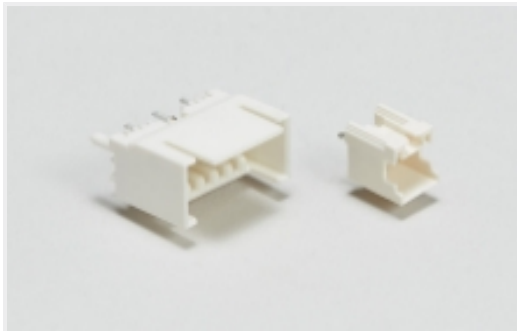
Connector Hardware(1)



PCB Headers & Receptacles(1618)



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



Wire-to-Board Headers & Receptacles (116)

Customers Also Bought



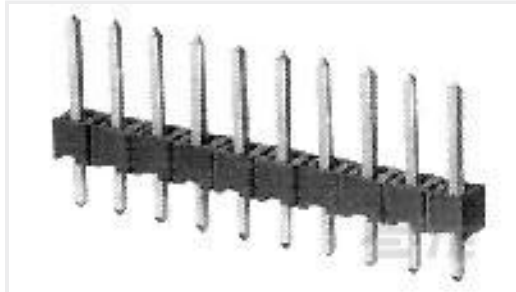
TE Part #4-1825059-1
ADF08ST04=DIP SWT,FLUSH,SMT-GW



TE Part #2-1410271-0
MULTIGIG RT PWR .8" R/A HDR 4P PBFR



TE Part #1410270-2
MULTIGIG RT PWR .8" VRT RCP 4P PBFR



TE Part #1-825433-0
MOD 2 PINHDR 1X10P.



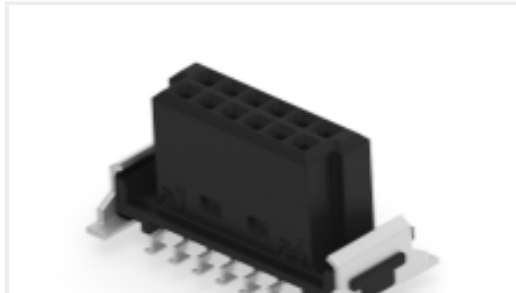
TE Part #6469286-1
HM-ZD 4PR RECP 96P



TE Part #1462039-5
IM16GR=IM RELAY 110mW 12V



TE Part #6-1609965-6
KEB 10A 1S SPADE DELTA 520VAC



TE Part #154805-E
SMCB 12 F AB VV 7-13 CL * H007 137 E002



TE Part #254262-E
SMCQ 12 F AB VV 7-03 CL * 0007 137
E002



TE Part #2319848-8
END STACK DIP 8P G RECESS TUBE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-825433-6_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-825433-6_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-825433-6_S.3d_stp.zip

English

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Agency Approvals

UL Report

English