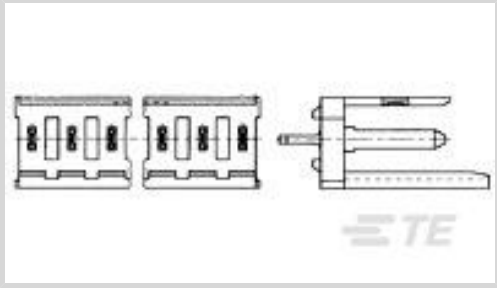




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Number of Rows: **1**

Features

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VACrms
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Packaging Features

Packaging Quantity	250
Packaging Method	Box, Carton

Industry Standards

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

Body Features

Connector Profile	Standard
Primary Product Color	Green

Mechanical Attachment

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

Termination Features

Rectangular Termination Post & Tail Width	.9 mm[.035 in]
Rectangular Termination Post & Tail Thickness	.8 mm[.031 in]



Termination Post & Tail Length	3.3 mm
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Tab Width	1.6 mm[.063 in]
Contact Mating Area Length	10 mm[.393 in]
Contact Base Material	Brass
Mating Tab Thickness	.79 mm[.031 in]
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	Polycarbonate GF
Centerline (Pitch)	3.96 mm[.156 in]

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	8
Number of Rows	1

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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 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 # 181299-2
MOD 1 CONTACT REC

TE Part # 182198-1
MOD 1 CONTACT

TE Part # 280593
AMP MODU MOD I RECEPT HSG

TE Part # 181299-1
MOD I CRIMP CONTACT

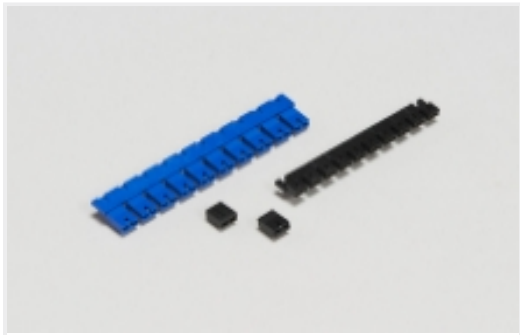
Also in the Series | AMPMODU MOD 1



Automotive Terminals(4)



Board-to-Board Headers & Receptacles(105)



Board-to-Board Jumpers & Shunts(5)



Connector Contacts(75)



Connector Hardware(2)

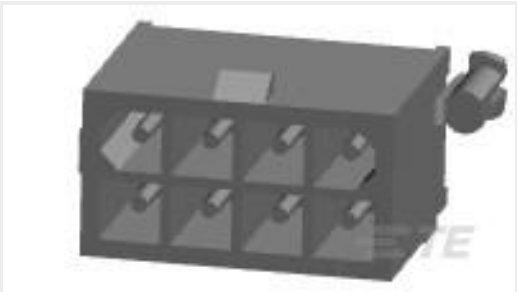


Power Contacts(1)



Wire-to-Board Connector Assemblies & Housings(16)

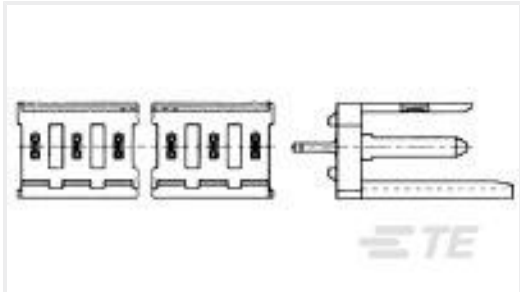
Customers Also Bought



TE Part #1-794073-0
08P MINI UMNL HDR W/O DH SN LF



TE Part #2-1445057-3
MICRO MNL HDR ASSY SINGLE ROW



TE Part #280609-1
2P MOD 1 SHROUDED HEADER, ST, TIN PLTD



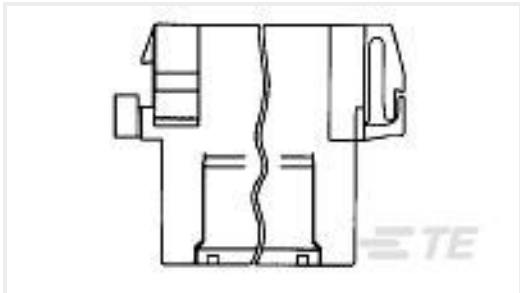
TE Part #770902-4
MINI UMNL SOCK 26-22 AWG SN



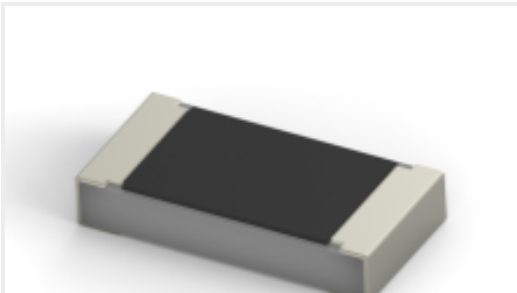
TE Part #928193-1
FF 2.8MM TAB HSG 2P PBT BLACK



TE Part #928930-2
FF 110 TAB 0.5-1 MM2 .080 F PTP CUZN30



TE Part #1-929505-3
TAB HSG .110 (2.8 MM) HSG TAB



TE Part #5-1614958-8
CPF 0805 3R83 0.1% 25ppm 1K RL



TE Part #171882-1
MIC 13P CAP ASSY



TE Part #1-1393277-8
V23076A3022C132

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_280612-1_M_c-280612-1-m.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_280612-1_M_c-280612-1-m.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_280612-1_M_c-280612-1-m.3d_stp.zip

English

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

Agency Approvals

UL Report

English