1554218-1 ✔ ACTIVE

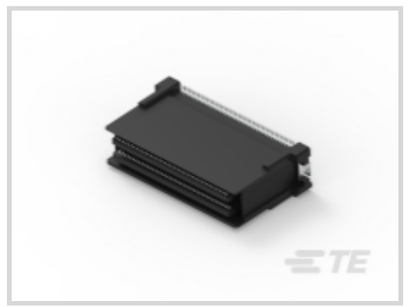
AMPMODU

TE Internal #: 1554218-1

PCB Mount Header, Vertical, Board-to-Board, 80 Position, .6 mm [.023 in] Centerline, Partially Shrouded, Gold (Au), Surface Mount, Signal, Gray, Tray

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles







PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **80**

Centerline (Pitch): **.6 mm [.023 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Positions	80
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Gray

Contact Features

Mating Tab Width	1 mm[.04 in]
Mating Tab Thickness	.2 mm[.008 in]
PCB Contact Termination Area Plating Material	Gold Flash
Contact Mating Area Plating Material Thickness	.8 µm[31.45 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Solder Peg
PCB Mount Alignment Type	Solder Peg
Mating Alignment Type	Chamfered Edges
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	.6 mm[.023 in]
Housing Material	LCP

Usage Conditions

Operating Temperature (Max)	85 °C[185 °F]
Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	270
Packaging Method	Tray

Product Compliance

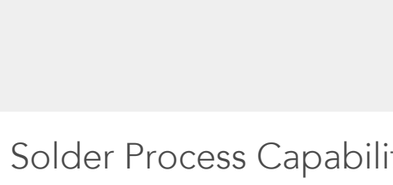
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

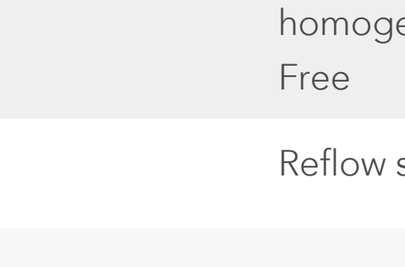
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

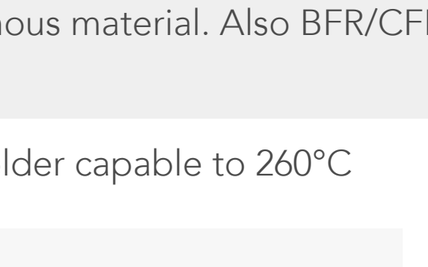


TE Part # 6473201-1
MICRO STACK REC ASSY 68P

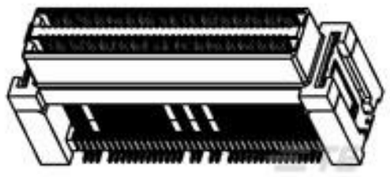
TE Part # 6376608-4
MICRO STACK REC ASSY 80P WITH TAPE



TE Part # 6376608-1
MICRO STACK REC ASSY 80P



TE Part # 6376608-3
MICRO STACK REC ASSY 80P



TE Part # 6376608-2
MICRO STACK REC ASSY 80P WITH TAPE



TE Part # 1554218-2
MICRO STACK HDR ASSY 8OP H=16 WITH TAPE

Customers Also Bought



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



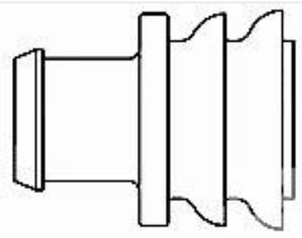
TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

MICRO STACK HDR ASSY 8OP H=16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1554218-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1554218-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1554218-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

Japanese