



AMP-HDI

TE Internal #: 5533268-5

PCB Mount Receptacle, Right Angle, Board-to-Board, 120 Position,
2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal,
Black, Tube

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **120**

Number of Rows: **3**

Features

Electrical Characteristics

Insulation Resistance	3 MΩ
-----------------------	------

Dimensions

PCB Thickness (Recommended)	2.36 mm[.76 in]
Connector Height	18.39 mm[.723 in]

Packaging Features

Packaging Quantity	4
Packaging Method	Tube

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Mechanical Attachment

PCB Mount Retention Type	Mounting Hole
PCB Mount Alignment Type	Post Polarization



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

Termination Features

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

Contact Features

Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [99.9998 – 199.9996 μin]
Contact Shape & Form	Four Beam
Contact Layout	Matrix
Contact Mating Area Length	6.98 mm
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	120
Number of Rows	3

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No



Connector & Contact Terminates To

Printed Circuit Board

Body Features

Primary Product Color

Black

Operation/Application

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

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: JAN 2021 (211)
Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

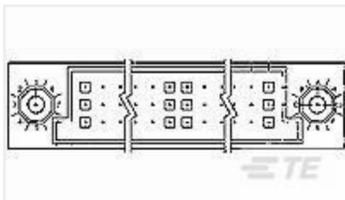
Solder Process Capability

Pin-in-Paste capable to 260°C

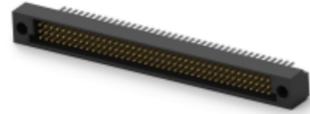
Product Compliance Disclaimer

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 # 5533061-5
ASSY,PIN,VERTICAL,HDI,LEAD-FRE



TE Part # 5532447-5
ASSY,PIN,VERTICAL,HDI,LEAD-FRE

Customers Also Bought



TE Part #GA10K3MCD1
MCD PROBE, 10K OHMS,



TE Part #7-6609107-3
PS0S0SS3A=C1186



TE Part #2-2176057-9
RLP73K 3A R15 1% 1K RL



TE Part #87224-2
02 MODII HDR SRST UNSHRD .100



TE Part #1-480426-0
04P CMNL CAP HSG F/H NATL



TE Part #3-640434-8
08P MTA156 CONN ASSY 24AWG
WHT



TE Part #350558-1
MNL PIN SPECIAL .0126 PTPBR



TE Part #6-1971800-2
NEW GI CONN2.5 HDR ASMBLY 6P
BLU D1.5



TE Part #3-641151-4
04P MTA156 ASSY 24AWG WHT LF



TE Part #3-641151-8
08P MTA156 ASSY 24AWG WHT LF

Documents

Product Drawings

ASSY,RECPT,R.ANGLE,HDI,LEAD-FR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5533268-5_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5533268-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5533268-5_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773957-5_AMP_HDI_BTБ_CONNECTORS_EN](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English