533060-9

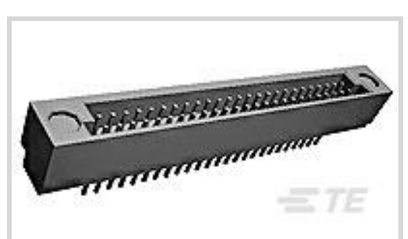
AMP-HDI

TE Internal #: 533060-9

TE Internal Description: HDI PIN ASSY 2 ROW 100 POS

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **100**

Number of Rows: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Stackable	No
Number of Positions	100
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

Insulation Resistance	2 MΩ

Body Features

Primary Product Color	Black

Contact Features

	.21 in
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam

Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	13.54 mm[.533 in]
Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

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

Dimensions

Connector Height	11.73 mm[.46 in]
PCB Thickness (Recommended)	2.13 mm[.76 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	4

Packaging Method	Tube

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (13% in component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

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

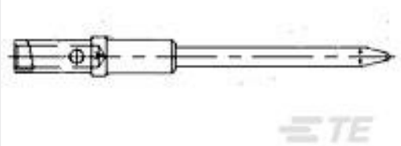


TE Part # 532428-9
HDI RECP ASSY 2 ROW 100 POS

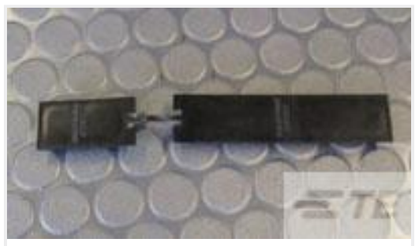
Customers Also Bought



TE Part #424267-000
RT-1145-OX-19-0



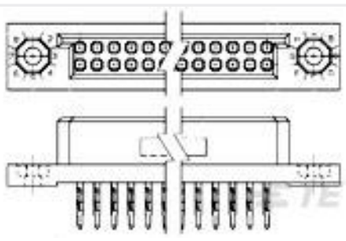
TE Part #208265-3
PIN CONT,XZ 20,NIC 600



TE Part #211600-2
DUST COVER,SZ 2,NIC 600



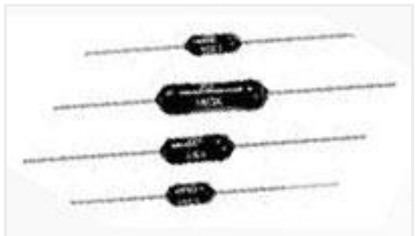
TE Part #8-323912-1
TERMINAL,PIDG R 26-22 2



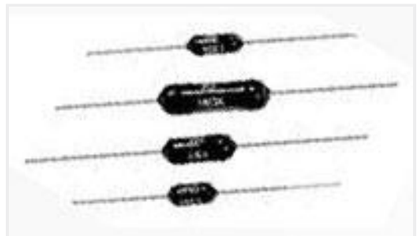
TE Part #5-533289-5
BOX II 2 ROW RECP ASSY 60 POS



TE Part #1623720-9
CCR2 47K 10%

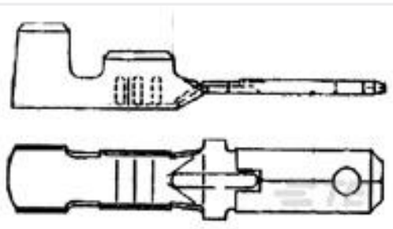


TE Part #5-1879639-4
H4P 127R 0.5% 50PPM



TE Part #7-1879662-9
H8 64R9 0.1% 15PPM

TE Part #129908-000
T-DR-25-NR2-0



TE Part #66169-2
AMP-TAB L.P. TERMINAL

Documents

Product Drawings

HDI PIN ASSY 2 ROW 100 POS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_533060-9_U.3d_igs.zip

English

Customer View Model

ENG_CVM_533060-9_U.3d_stp.zip

English

Customer View Model

ENG_CVM_533060-9_U.2d_dxf.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

Agency Approval Document

English