532434-8 ✔ ACTIVE

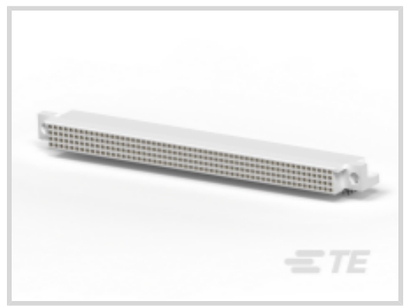
AMP-HDI

TE Internal #: 532434-8

PCB Mount Receptacle, Right Angle, Board-to-Board, 220 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Black, Tube

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles






EU RoHS Compliance: **Not Compliant**

EU ELV Compliance: **Compliant with Exemptions**

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

PCB Mount Orientation: **Right Angle**

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

Features

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	220
Number of Rows	4

Electrical Characteristics

Insulation Resistance	4 MΩ

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam
Contact Layout	Matrix
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

Termination Features

Rectangular Termination Post & Tail Width	.58 mm[.023 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
Connector Height	11.68 mm[.46 in]

Usage Conditions

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

Operation/Application

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	3
Packaging Method	Tube

Product Compliance

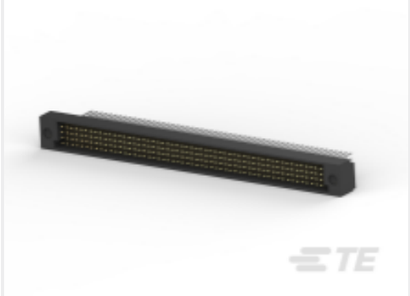
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Pb (13% in Component Part) **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 lead free process capable

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

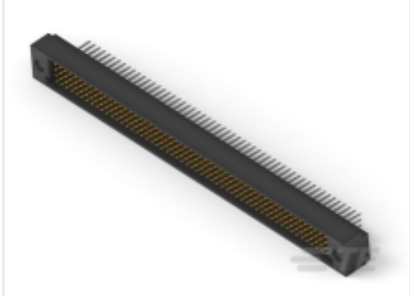
Compatible Parts



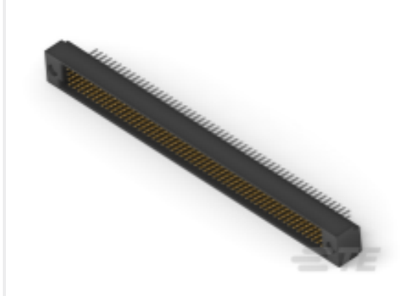
TE Part # 533270-8
HDI PIN ASSY 4 ROW 220 POS



TE Part # 533935-5
HDI PIN ASSY 4 ROW 220 POS



TE Part # 532448-8
HDI PIN ASSY 4 ROW 220 POS



TE Part # 532436-8
HDI PIN ASSY 4 ROW 220 POS

Customers Also Bought



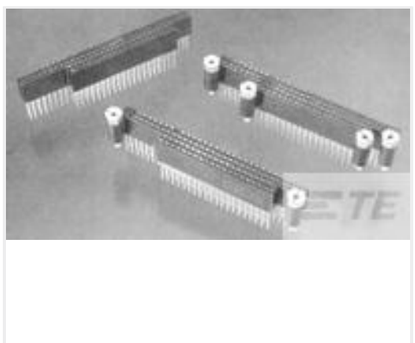
TE Part #1-148057-5
096 EURO TYP C RECP 13MM ASSY



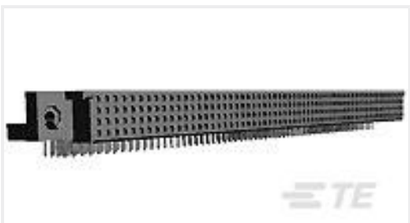
TE Part #2-5767004-2
MICTOR RECEPT ASSY, 38 POS.



TE Part #205090-1
HD 20 SOCKET CONTACT



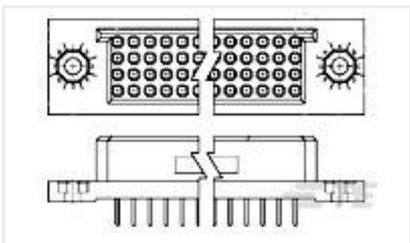
TE Part #1375795-1
ASSY, 64/40 POS PC104



TE Part #5532903-7
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR



TE Part #52273
TERMINAL,PIDG R IR 22 4



TE Part #533285-2
BOX II 4 ROW 120 POS RCPT ASSY



TE Part #374385-E
STVTE 160 FI ABCDE VVVVV 7-03 TL-S * * 1

TE Part #1-1617817-3
FCA-210-608 DPDT 10AMP MID RANGE RELAY



TE Part #NB16572001
RW-175-3/32-X-STK

Documents

Product Drawings

HDI RECP ASSY 4 ROW 220 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_532434-8_R.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_532434-8_R.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_532434-8_R.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_BTB_CONNECTORS_EN

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English