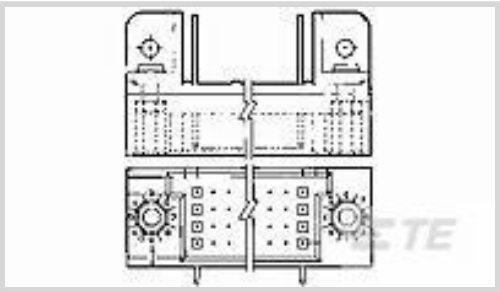




Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **160**

Number of Rows: **4**

Features

Product Type Features

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

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	160
Number of Rows	4

Electrical Characteristics

Insulation Resistance	4 MΩ
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Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	5.33 mm
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm[99.9998 – 199.9996 μin]



Contact Layout	Matrix
Contact Shape & Form	Four Beam, Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	2.25 A, 3 A

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Solder Tail
Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	14.73 mm[.58 in]
PCB Thickness (Recommended)	1.52 mm[.76 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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	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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	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 # 532903-5
HDI RECP ASSY 4 ROW 160 POS



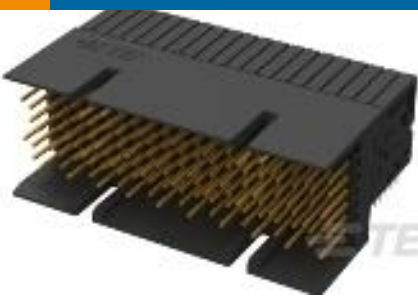
TE Part # 5532434-5
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR



TE Part # 5532903-5
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR

Customers Also Bought





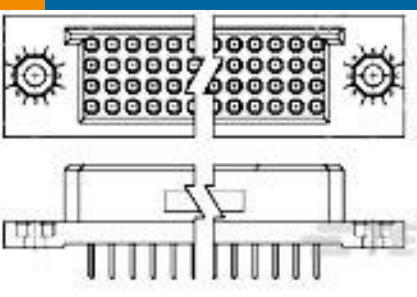
TE Part #2102096-2
Fortis Zd 2Pr 20Col R/A Cent Module Assy



TE Part #747832-6
09 MSFL PLUG RA 590 (SL,FM,BL)



TE Part #YDTS20Z25-35SBV001
RECP ASSY



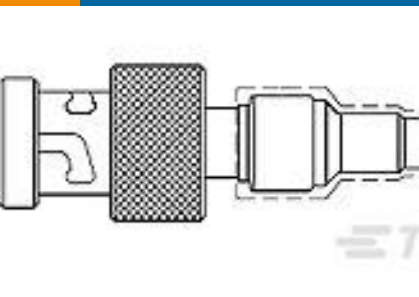
TE Part #1-533285-2
BOX II 4 ROW RECP ASSY 300 POS



TE Part #1958455-1
TERMINAL, RT,STRAT, HR, 22-16,#10, NI PL



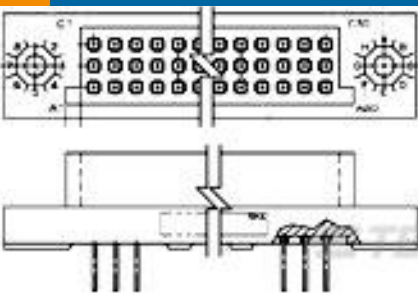
TE Part #ABC16C-7065B
PLUG ASSY



TE Part #432582-000
DK-621-0051-1P



TE Part #2-208224-3
CPC RECPT ASSEMBLY SIZE 23-37



TE Part #532786-5
3 ROW BOX RECP 165 POS 100 C/L

Documents

Product Drawings
ASSY,PIN,RIGHT ANGLE,HDI,LEAD-
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5533286-5_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5533286-5_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5533286-5_A.3d_stp.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