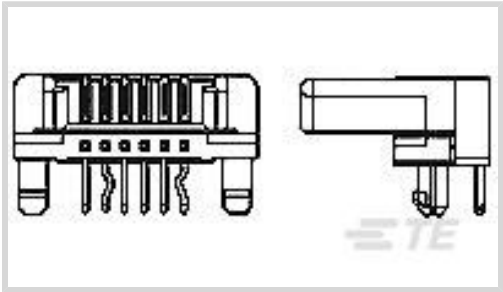




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **10**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
Insulation Resistance	100 MΩ

Body Features

Primary Product Color	White
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Contact Features

Contact Mating Area Plating Material Thickness	.8 μm[31.5 μin]
Mating Tab Width	1.6 mm[.063 in]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Mating Tab Thickness	.25 mm[.01 in]



Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Receptacle
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Width	.4 mm[.016 in]
Rectangular Termination Post & Tail Thickness	.6 mm[.024 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Self-Aligning (Alignment Free)
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Side
Housing Material	Nylon 6/6 GF
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Row-to-Row Spacing	3 mm[.118 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]
Connector Height	5.4 mm[.213 in]

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	264
Packaging Method	Box, 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: JAN 2025 (247) Candidate List Declared Against: JUL 2017 (174) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

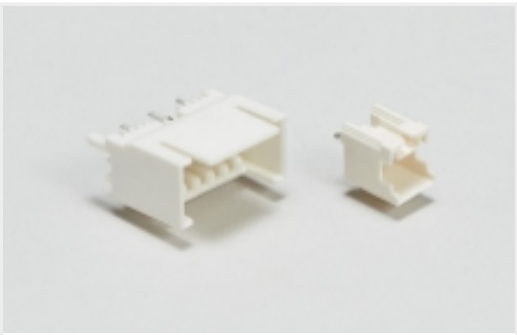
Also in the Series | AMPMODU 2 mm

Board-to-Board Headers & Receptacles(8160)

Connector Contacts(27)

PCB Headers & Receptacles(8190)

Wire-to-Board Connector Assemblies & Housings(202)



Wire-to-Board Headers & Receptacles
(1037)

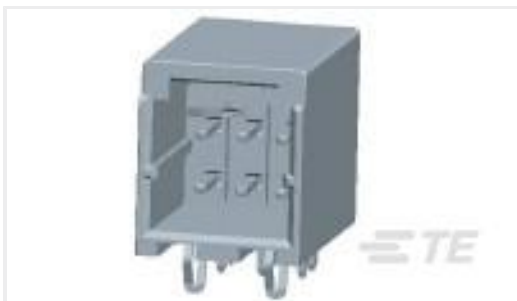
Customers Also Bought



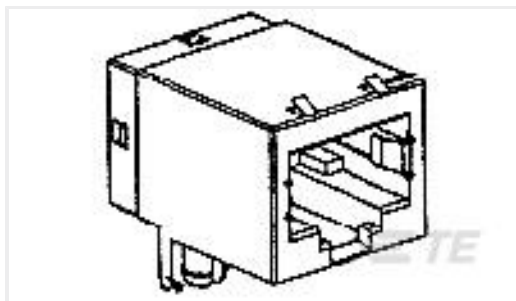
TE Part #1-2040558-3
DYNAMIC 1200D HDR ASSY V 6P X
BLACK TIN



TE Part #P5407601200-000
PN-507939_PLASTIC DUST CAP, M12



TE Part #1-1871673-3
DYNAMIC 1200D HDR ASSY H 6P
BLACK TIN



TE Part #5558342-3
MJ,8POS,R/A,CAT5,SHLD,PC GND



TE Part #1-2349825-8
D4950 REC 8POSN 1ROW TRAY AU



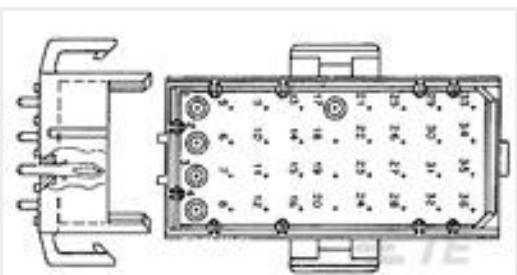
TE Part #1-2271457-8
D3950 HDR 8POS 1ROW X KEY



TE Part #2349891-1
D4950 OPENER



TE Part #1-2349849-8
D4950 HDR H STD 8POSN 1ROW
TRAY AU



TE Part #1318699-2
MR HDR ASSY 6P COATING



TE Part #1-172328-6
MINI UNIVERSAL M-N-L CAP 2P

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_1-917360-0_C.2d_dxf.zip
- English
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_1-917360-0_C.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_1-917360-0_C.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

[Crimping Multi-Interlock Connector Contacts](#)

Japanese