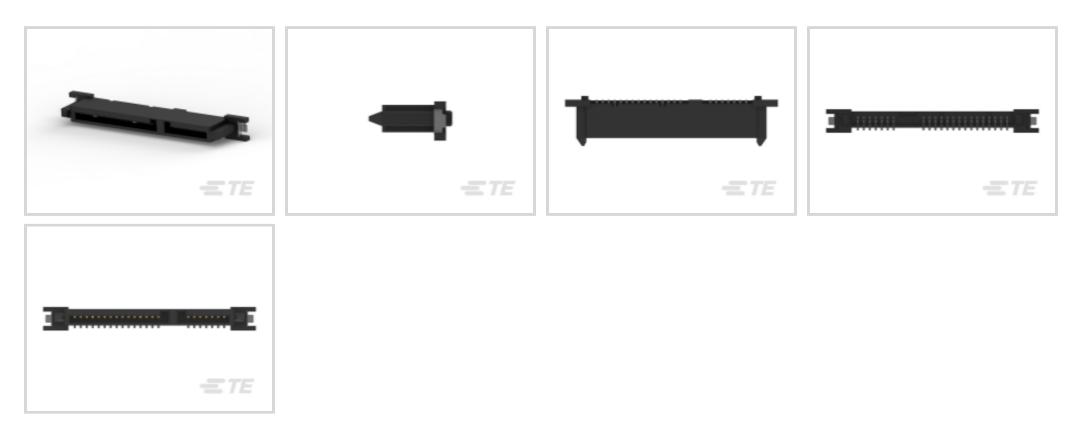
1735284-2 - ACTIVE

TE Internal #: 1735284-2 SATA, Receptacle, Cable-to-Board, 22 Position, 7P + 15P, Standard Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top, 1.27 mm [.05 in] Centerline

View on TE.com >

Connectors > Audio & Video Connectors > SATA & Micro SATA



SATA Connector Type: SATA Connector & Housing Type: Receptacle Connector System: Cable-to-Board Number of Positions: 22

Contact Configuration: 7P + 15P

Features

Product Type Features



SATA Connector Type	SATA
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	22
PCB Mount Orientation	Vertical
Number of Rows	1
Number of Ports	2
Body Features	
Connector Profile	Standard
Contact Features	
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

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PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Configuration	7P + 15P
Contact Current Rating (Max)	1.5 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
PCB Mount Retention Feature Length	.8 mm[.032 in]
Mating Alignment Type	Polarization
PCB Mount Retention Type	Solder Peg
PCB Mount Retention	With
PCB Mount Location	Тор
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	High Temperature Thermoplastic
Housing Color	Black
Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

PCB Thickness (Recommended)	1.2 mm[.048 in]
Profile Height from PCB	8.15 mm[.32 in]
Usage Conditions	
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Box & Tray, Tray
Packaging Quantity	48

Product Compliance

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

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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: JAN 2025 (247) 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	Reflow solder 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



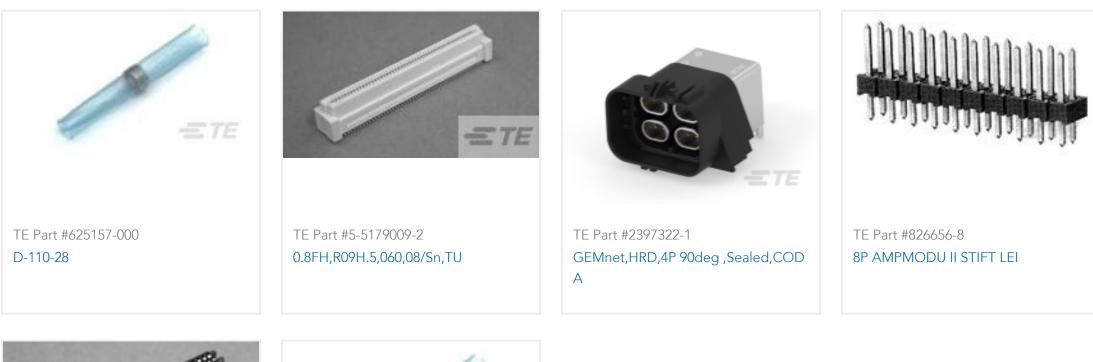
Customers Also Bought

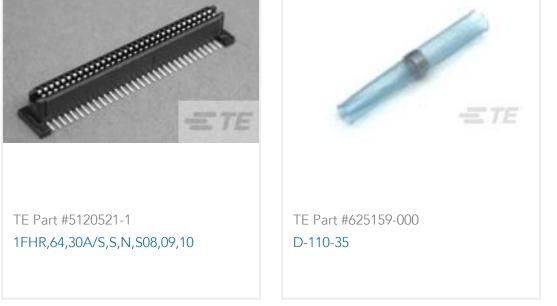


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Documents

Product Drawings SATA BACKPLANE RECEPTACLE, VERTICAL, SMT

English

CAD Files

3D PDF

3D

Customer View Model ENG_CVM_CVM_1735284-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1735284-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735284-2_D.3d_stp.zip

English

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

Product Specifications Product Specification

English

Agency Approvals UL Report

English