1735284-5 ✔ ACTIVE

TE Internal #: 1735284-5

22 Position, SATA, Receptacle, Vertical, 7P + 15P, Cable-to-Board, Standard Profile, Surface Mount, 1 Row, 2 Port, Top Mount

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
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	Top Mount
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>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

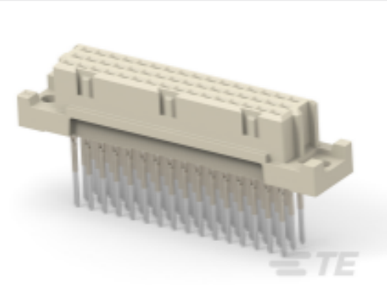
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 1735783-3
Assembly, Slimlite SATA Plug, 15+7P, SMT

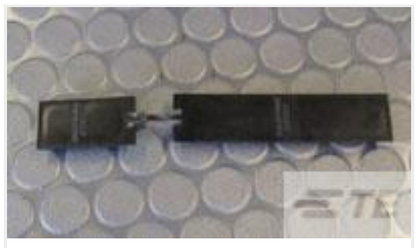
Customers Also Bought



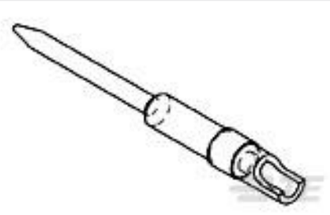
TE Part #284136-E
STVC/2 48 F ABC VVV 7-00 EEUE 13,0 * 241



TE Part #120953-5
UPM EXPANDED RCPT ASSEMBLY



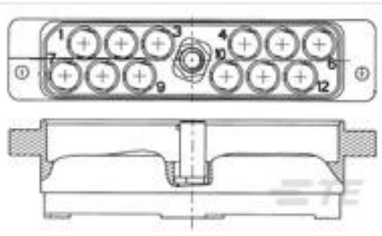
TE Part #211600-2
DUST COVER,SZ 2,NIC 600



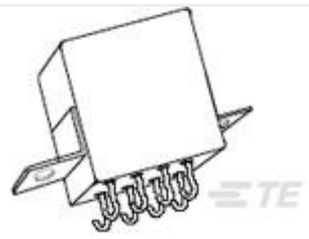
TE Part #1218240-2
PIN CONT,SZ20,SC,FR,ARINC 600



TE Part #1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #1604798-2
ASY,RCPT,PWB MT,12 POS



TE Part #1617752-1
FCA-210-CX8



TE Part #5767054-1
MICT,RECPT,38,ASSY,PDNI



TE Part #6469025-1
HM-ZD 2PR HDR 40P 2.5MM



TE Part #6469028-1
HM-ZD 2PR RECP 40P

Documents

Product Drawings

SATA BACKPLANE RECEPTACLE, VERTICAL, SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735284-5_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1735284-5_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735284-5_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