1735078-1 ✔ ACTIVE

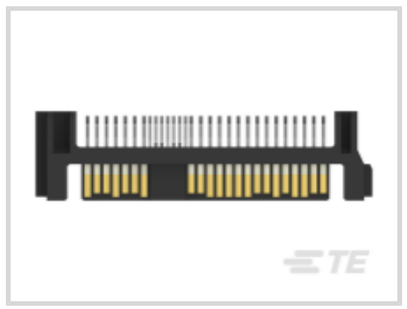
TE Internal #: 1735078-1

SAS, Plug, Wire-to-Board, 29 Position, 1 Row, 1 Port, Right Angle, Surface Mount, Power & Signal, Board Mount, -40 – 85 °C [-40 – 185 °F]

View on TE.com >

Connectors > PCB Connectors > SAS & MiniSAS > Serial Attached SCSI (SAS) Connector Plugs







SAS Connector Type: **SAS**

Connector & Housing Type: **Plug**

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

Number of Positions: **29**

Number of Rows: **1**

All Serial Attached SCSI (SAS) Connector Plugs (3)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Shell	Without
SAS Connector Type	SAS
Connector & Housing Type	Plug
Connector System	Wire-to-Board

Configuration Features

Number of Positions	29
Number of Rows	1
Number of Ports	1
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
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	.762 µm[30 µin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic

Usage Conditions

High Temperature Housing	Yes
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
PCIe/SAS Generation	Gen2

Packaging Features

Packaging Method	Loose Piece
Packaging Quantity	30

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	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

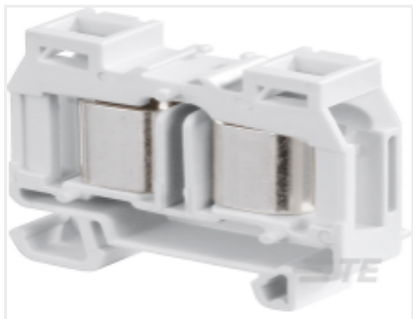
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-SA78-R2435
PT30 XFP Connectors

Customers Also Bought



TE Part #1SNA199287R2000
DR2.5/8.ADO



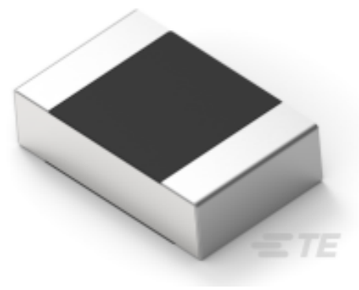
TE Part #1SNA199289R0200
DR2.5/8.N.ADO



TE Part #188826-4
31P.IEC-F FEM.CONN

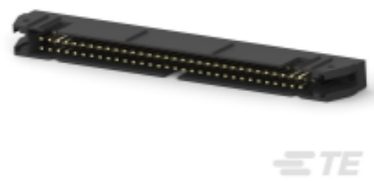


TE Part #1375820-4
CST-100 II HOUSING 4 POS



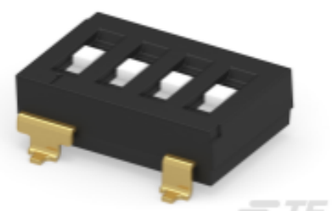
TE Part #6-1676731-5

RN 0805 1K1 0.1% 5PPM 5K RL



TE Part #2169791-1

AMP-LATCH UNV HDR,44P,ACT-PIN, SEL LOAD



TE Part #1-2319747-1

TRI-STATE DIP 4P G RECESS SEAL TUBE



TE Part #7-6437630-2

AWTN1504 = POWER TOGGLE

TE Part #6-1676731-6

RN 0805 750R 0.1% 5PPM 5K RL

TE Part #2205503-1

10/20P LATCH LEAD

Documents

Product Drawings

SAS PLUG 15+7+7P ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735078-1_C2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1735078-1_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735078-1_C2.3d_stp.zip

English

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

Product Specifications

Product Specification

English