



TE Internal #: 1735610-1

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
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Brass
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
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Mechanical Attachment

PCB Mount Retention Type	Solder Peg
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
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Dimensions

Profile Height from PCB	3.1 mm[.122 in]
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Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	55

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: 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



TE Part # 2-1735104-1
[SAS BACKPLANE RECEPT, VERTICAL](#)

Customers Also Bought



TE Part #193839-2
[SKT HEADER, RIGHT ANGLE](#)



TE Part #292206-8
[MINI CT SGL DIP H 8P NAT](#)



TE Part #292230-5
[1.5 MINI CT SGL V SMT W/BOSS 5](#)

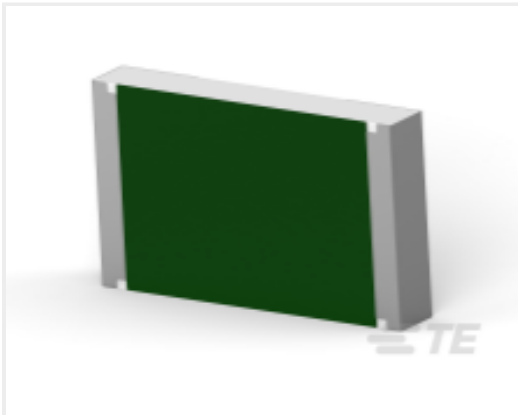


TE Part #CAT-H857-H34220
[AMP HPI 2.0 mm Headers](#)





TE Part #1676372-1
RN 0805 53R6 0.1% 10PPM CUT LENGTH



TE Part #1-2176400-2
3540 3R0 1%



TE Part #5223986-3
UPM KEYED GUIDE MODULE



TE Part #5223986-5
UPM KEYED GUIDE MODULE



TE Part #1676397-1
RN 0805 61R9 0.1% 10PPM CUT LENGTH

Documents

Product Drawings

ASSY, SAS PLUG, SMT, 15+7+7P

English

CAD Files

Customer View Model

ENG_CVM_CVM_1735610-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735610-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735610-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English