



TE Internal #: 1735164-1

SAS, Receptacle, Wire-to-Board, 29 Position, 1 Row, 1 Port, Vertical,
Through Hole - Press-Fit, .049 in [1.27 mm] Centerline, Power &
Signal

[View on TE.com >](#)

Connectors > PCB Connectors > SAS & MiniSAS > PT30 XFP Connectors



SAS Connector Type: **SAS**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **29**

Number of Rows: **1**

[All PT30 XFP Connectors \(15\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	29
Number of Rows	1
Number of Ports	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features



Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1.27 mm[.049 in]

Dimensions

Profile Height from PCB	9.85 mm[.387 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

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

Packaging Features

Packaging Quantity	540
Packaging Method	Box & Tray, Tray

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	Not reviewed for solder process capability

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-P729

Serial Attached SCSI (SAS) Connector Plugs

Customers Also Bought



TE Part #5787082-7

68 50SR R/A RCPT ASSY,RDSN L/F



TE Part #3-641216-5

05P MTA100 HDR ASSY FL/RA LF



TE Part #5749069-9

100 50SR VERT RCPT ASSY



TE Part #2-2013290-1

EMBOSS TAPE DDR3 204P 5.2H RVS



TE Part #1-1469373-1
ATCA GUIDE MODULE RA FEMALE

Documents

Product Drawings

SAS BACKPLANE RECEPT, VERTICAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735164-1_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1735164-1_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1735164-1_E.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

Product Environmental Compliance

MD_1735164-1_121520141322_dmtec

English

MD_1735164-1_121520141322_dmtec

English