



TE Internal #: 1735869-1

SAS, Receptacle, Wire-to-Board, 29 Position, 1 Row, 1 Port, Vertical, Surface Mount, .049 in [1.27 mm] Centerline, Printed Circuit Board

[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
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
Number of Positions	29
Number of Rows	1
Number of Ports	1
PCB Mount Orientation	Vertical

Contact Features

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

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	M2 Screw
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Connector Mounting Type	Board Mount
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Housing Features

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

Profile Height from PCB	9.15 mm [.36 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

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

Packaging Quantity	540
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Packaging Method	Tray
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



Documents

Product Drawings

[SAS BACKPLANE RECEPT, VERTICAL, SMT](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_1735869-1_A.2d_dxf.zip](#)

English



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1735869-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735869-1_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English