

1-1735104-3 ✓ ACTIVE

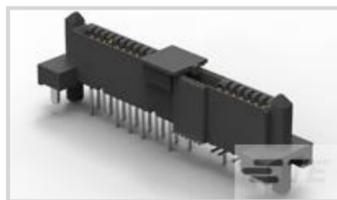


TE Internal #: 1-1735104-3

SAS, Receptacle, Board-to-Board, 29 Position, 1 Row, 1 Port,
Vertical, Surface Mount / Through Hole - Solder, .05 in [1.27 mm]
Centerline

[View on TE.com >](#)

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



SAS Connector Type: **SAS**

Connector & Housing Type: **Receptacle**

Connector System: **Board-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	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Contact Features

	30 μ m
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel



Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	1.5 A
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Termination Features

Termination Post & Tail Length	3.02 mm[.119 in]
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Termination Method to Printed Circuit Board	Surface Mount, Through Hole - Solder
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Mechanical Attachment

PCB Mount Retention	With
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PCB Mount Retention Type	Solder Peg
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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[.05 in]
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Dimensions

Profile Height from PCB	9.85 mm[.387 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	High Speed Data
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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	150
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Packaging Method	Tape & Reel
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1735104-3_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1735104-3_F.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-1735104-3_F.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

[TE Material Declaration](#)

English