1735869-1 ✔ ACTIVE

TE Internal #: 1735869-1

SAS, Receptacle, Wire-to-Board, 29 Position, 1 Rows, 1 Ports, Vertical, Surface Mount, 1.27mm [.049in] 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 (17)

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
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	Surface Mount

Mechanical Attachment

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

Housing Features

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

Dimensions

Height Above PC Board	9.15 mm[.36 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	540
Packaging Method	Tray

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # CAT-SA78-P729
SAS PLUGS

Customers Also Bought

TE Part #1735870-1
PT30 XFP Connectors

TE Part #1623797-4
Wirewound Resistor: Horizontal Mount

TE Part #1775485-1
Battery Holder, 3.6mm, BLK,low profile

TE Part #1551920-2
zQSFP+ connector assembly

TE Part #9-1676123-7
1/2W SM M/OX 5% 8K2

TE Part #1-6450550-6
MBXL VERT RCPT 4P+24S+2P

TE Part #1888020-4
Mini-SAS Shielded Receptacle Assemblies

TE Part #1339381-3
MRJ21 SCREWLOCK,RECPT 100 PC BAG

Documents

Product Drawings

SAS BACKPLANE RECEPT, VERTICAL, SMT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1735869-1_A.2d_dxf.zip

English

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

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