

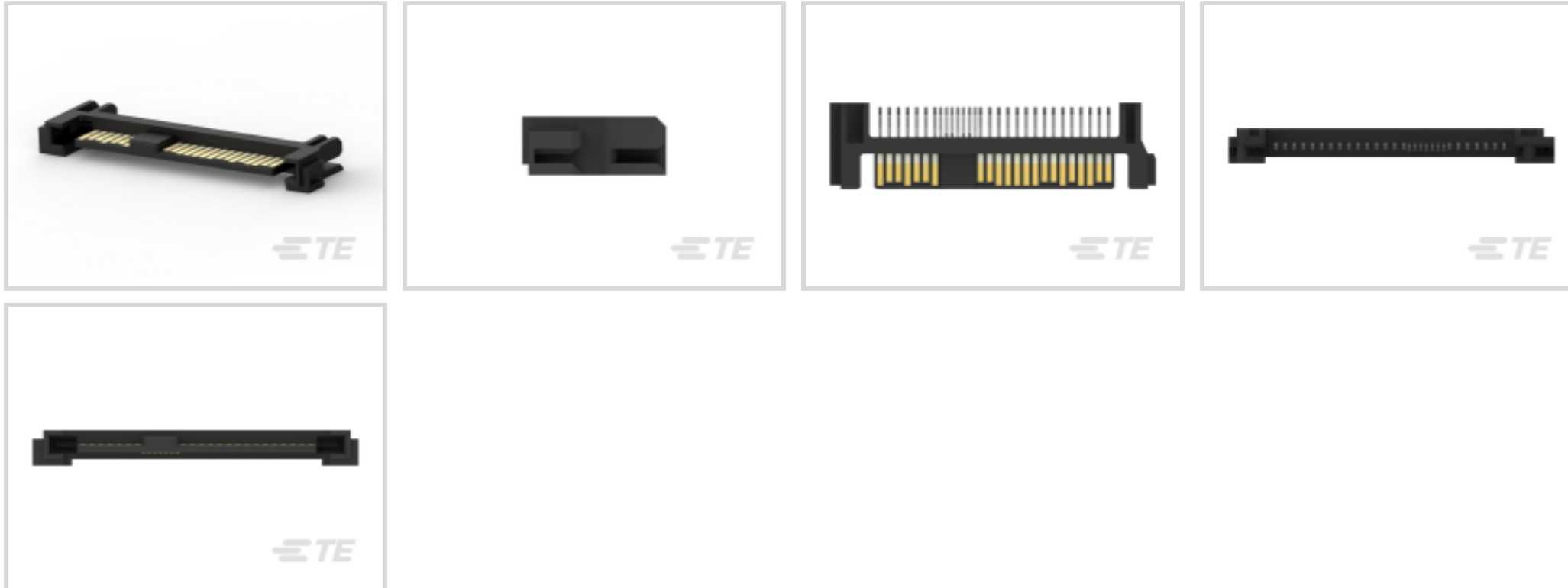


TE Internal #: 1735078-1

SAS, Plug, Wire-to-Board, 29 Position, 1 Row, 1 Port, Right Angle, Surface Mount, Printed Circuit Board, Power & Signal, Board Mount

[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

Shell	Without
SAS Connector Type	SAS
Connector & Housing Type	Plug
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	Right Angle

### Contact Features

	30 μm
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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
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### Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

### Housing Features

Housing Material	Thermoplastic
Housing Color	Black

### 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	30
Packaging Method	Loose Piece

### 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	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

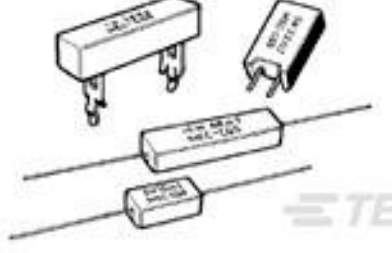
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-R2435  
PT30 XFP Connectors

### Customers Also Bought



TE Part #1-1623782-3  
SQM5 47K 5% (METAL FILM)



TE Part #2199119-4  
M.2 0.5PITCH 3.2H KEY E 15U" AU



TE Part #8-188275-0  
MICRO-MATCH SMD FTE



TE Part #3-6318491-6  
.5FHP08H,220,S,GIG,08/Sn,HT,NSYes



TE Part #5-103635-4

05 MTE HDR SRRA LTCH.100CL LF



TE Part #5787745-2

USB A R/A STAK ASSY THRU HOLE



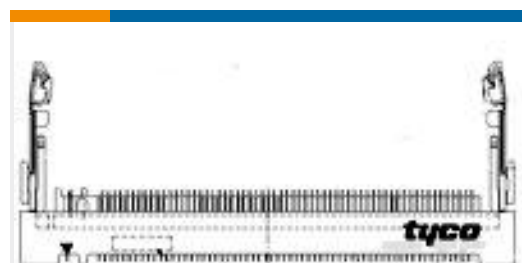
TE Part #1-406541-1

MJ,INV,1X1,6PNL G.,.100"ST,SN



TE Part #3-2176372-6

RQ 0603 115K 0.1% 10PPM 5K RL



TE Part #440360-2

.8MM FAX MODEM SOCKET 124P,  
7.95H

TE Part #1775838-2

mSATA/mini PCI-E 5.6H Type I G/F

## Documents

### Product Drawings

#### SAS PLUG 15+7+7P ASSEMBLY

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1735078-1\\_C2.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1735078-1\\_C2.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1735078-1\\_C2.3d\\_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\\_1735078-1\\_110420141056\\_dmtec](#)

English

[MD\\_1735078-1\\_110420141056\\_dmtec](#)

English

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