



TE Internal #: 1735078-1  
SAS, Plug, Wire-to-Board, 29 Position, 1 Row, 1 Port, Right Angle,  
Surface Mount, Power & Signal, Board Mount, -40 – 85 °C [-40 – 185  
°F]  
[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

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

Configuration Features

|                       |             |
|-----------------------|-------------|
| Number of Positions   | 29          |
| Number of Rows        | 1           |
| Number of Ports       | 1           |
| PCB Mount Orientation | Right Angle |

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features



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

Termination Features

|                           |               |
|---------------------------|---------------|
| Termination Method to PCB | Surface Mount |
|---------------------------|---------------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| PCB Mount Retention     | Without     |
| Connector Mounting Type | Board Mount |

Housing Features

|                  |               |
|------------------|---------------|
| Housing Material | Thermoplastic |
|------------------|---------------|

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Loose Piece |
| Packaging Quantity | 30          |

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 2025 (247) |



Candidate List Declared Against: JAN 2025  
(247)  
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

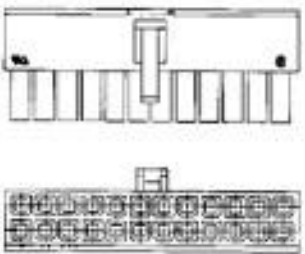


TE Part # CAT-SA78-R2435  
PT30 XFP Connectors

Customers Also Bought



TE Part #1776897-2  
BC6-F307-02, BC6 Series



TE Part #1586019-2  
2P RCPT VAL-U-LOK V0



TE Part #1445336-3  
LOOSE PC CONTACT 30 AU PLATED



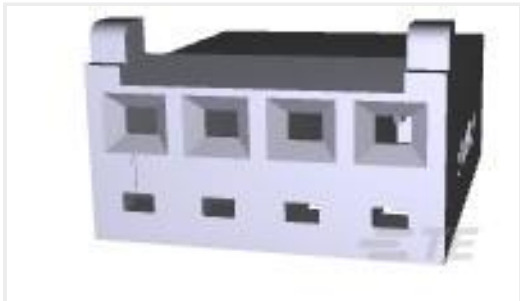
TE Part #4-2176070-4  
3521 620R 1% 2W



TE Part #5787745-1  
USB A R/A STAK ASSY THRU HOLE



TE Part #1676154-2  
RN 0805 110K 0.1% 10PPM 1KRL



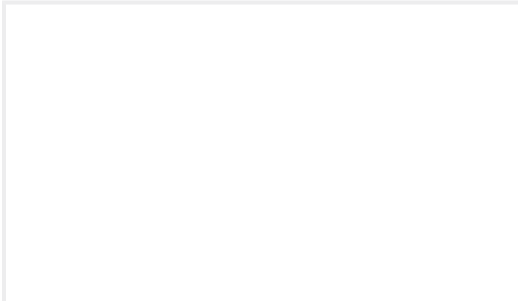
TE Part #1375820-4  
CST-100 II HOUSING 4 POS



TE Part #1676334-2  
RN 0805 402R 0.1% 10PPM 1KRL



TE Part #1828619-1  
Kit,Receptacle,LC, ODVA,MM



TE Part #4-1768602-6  
LBC-13030

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