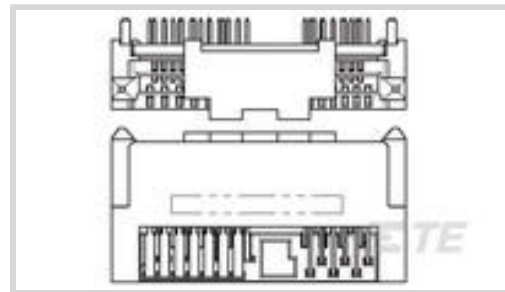




Connectors &gt; Audio &amp; Video Connectors &gt; SATA &amp; Micro SATA

SATA Connector Type: **SATA**Connector & Housing Type: **Receptacle**Connector System: **Cable-to-Board**Number of Positions: **31**Contact Configuration: **6P + 7P + 18P**

## Features

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	250

### Housing Features

Housing Material	Thermoplastic
Housing Color	Black
Centerline (Pitch)	1 mm, 1.27 mm, .8 mm [.039 in][.031 in][.05 in]

### Mechanical Attachment

PCB Mount Retention Feature Length	1.9 mm [.072 in]
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Location	Bottom
Connector Mounting Type	Board Mount

### Dimensions

PCB Thickness (Recommended)	1 mm [.039 in]
Profile Height from PCB	7.35 mm [.289 in]

### Termination Features

Termination Post & Tail Length	1.8 mm[.071 in]
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Termination Method to PCB	Through Hole - Solder
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### Contact Features

Contact Mating Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [30 $\mu\text{in}$ ]
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Contact Configuration	6P + 7P + 18P
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Contact Current Rating (Max)	2 A, 1.5 A, 1.3 A
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### Product Type Features

SATA Connector Type	SATA
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Connector & Housing Type	Receptacle
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Connector System	Cable-to-Board
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Connector & Contact Terminates To	Printed Circuit Board
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### Configuration Features

Number of Positions	31
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PCB Mount Orientation	Right Angle
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Number of Rows	2
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Number of Ports	2
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### Body Features

Connector Profile	Slimline
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### Operation/Application

Circuit Application	Power & Signal
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Product Compliance

[For compliance documentation, visit the product page on 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 2024  
(241)  
Not Yet Reviewed

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

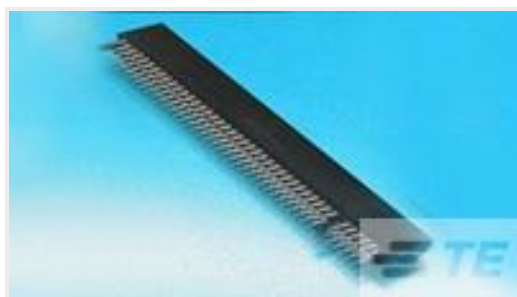
Solder Process Capability

Reflow solder capable to 260°C

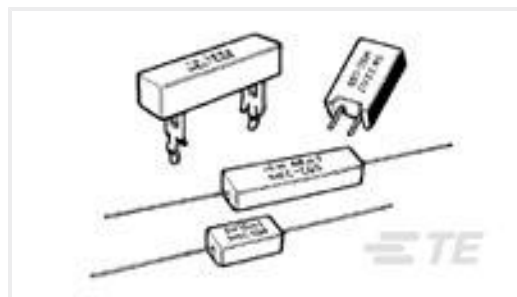
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Customers Also Bought



TE Part #5532600-5  
CONN SEC II 32 POS 100 C/L R/A



TE Part #2-1879009-9  
SQB30 1K0 5% 6.35MM FASTON



TE Part #2-324533-2  
TERMINAL,PIDG R 16-14 10



TE Part #1-1879446-1  
TE 150W 6R8 5% Bracket



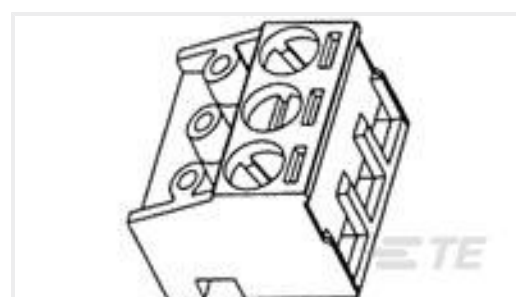
TE Part #1622682-1  
LR2 1% 12K



TE Part #3-1625971-7  
HSA25 332R 1%



TE Part #1-1986720-2  
STR PLUG SPRING TYPE RH 12P, 3.81 mm



TE Part #1546018-4  
4 POS TERMI-BLOK PLUG 90 &180



## Documents

### Product Drawings

[SLIMLINE SATA PLUS REC CL5.6H, AU G/F](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2129116-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2129116-3\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2129116-3\\_C.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 Specification](#)

English