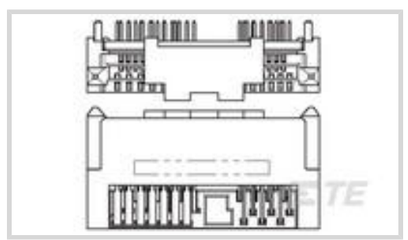
2129116-3 × OBSOLETE

TE Internal #: 2129116-3

TE Internal Description: SLIMLINE SATA PLUS REC CL5.6H, AU G/F

View on TE.com >

Connectors > Audio & Video Connectors > SATA & 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

Product Type Features

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

Configuration Features

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

Body Features

Connector Profile	Slimline

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Configuration	6P + 7P + 18P
Contact Current Rating (Max)	1.3 A, 1.5 A, 2 A

Termination Features

Termination Post & Tail Length	1.8 mm[.071 in]

Termination Method to PCB	Through Hole - Solder

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 Mount
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel
Packaging Quantity	250

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 2025 (250) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900

	ppm.
Solder Process Capability	Reflow solder capable to 260°C

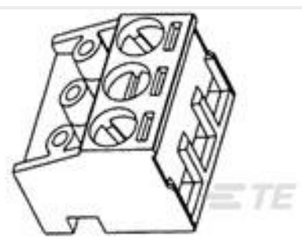
Product Compliance Disclaimer

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



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



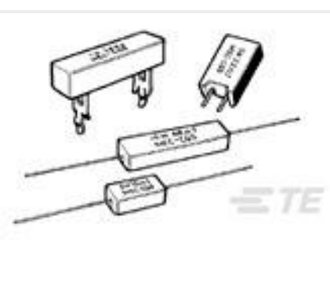
TE Part #1622682-1
LR2 1% 12K



TE Part #1622718-1
LR2 1% 24K



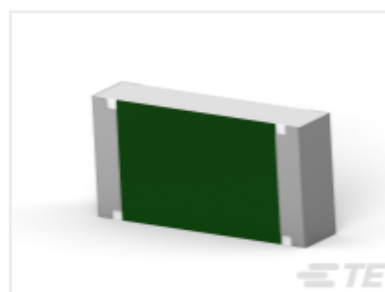
TE Part #3-1625971-7
HSA25 332R 1%



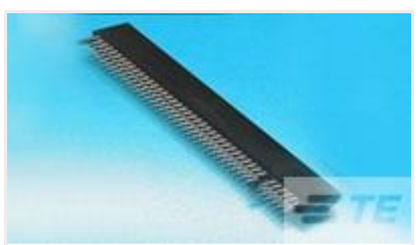
TE Part #2-1879009-9
SQB30 1K0 5% 6.35MM FASTON



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



TE Part #1-2176398-7
3502 62K 1%



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



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

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