

1735284-2 ACTIVE

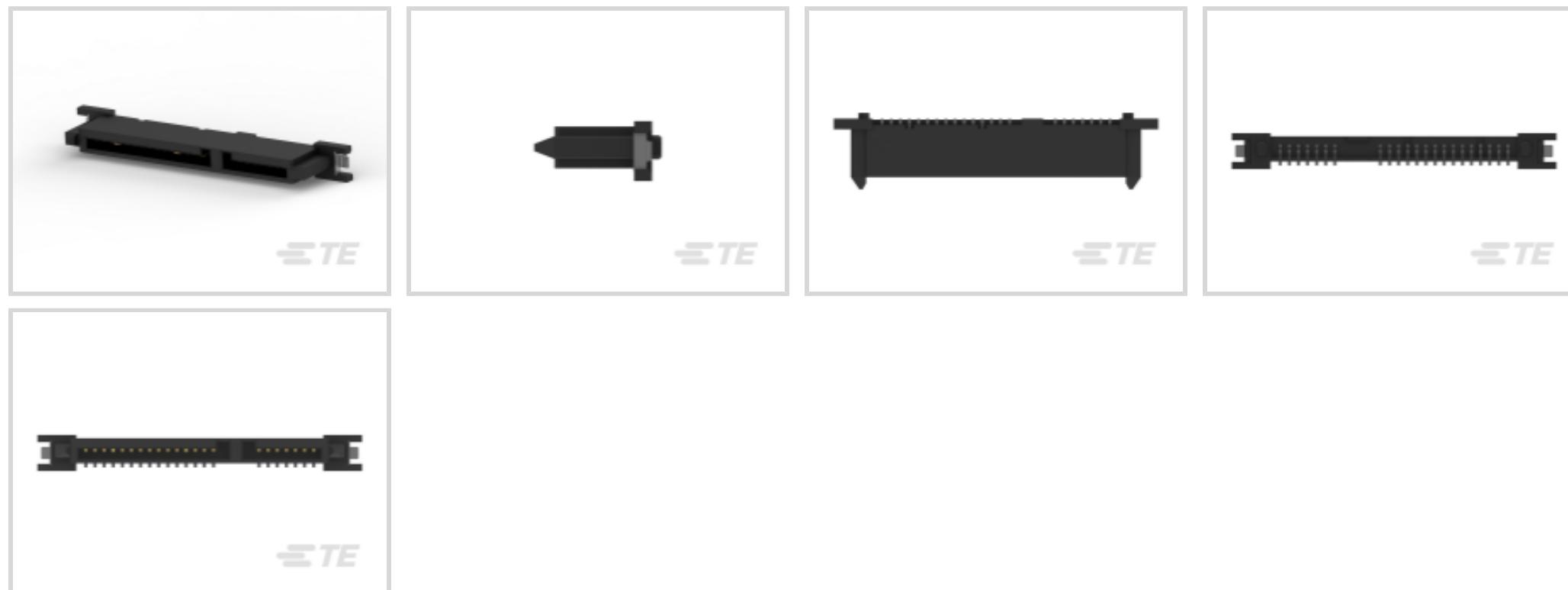
TE Internal #: 1735284-2

SATA, Receptacle, Cable-to-Board, 22 Position, 7P + 15P, Standard Profile, Vertical, Surface Mount, 1 Row, 2 Port, Top, .05 in [1.27 mm] Centerline

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Connectors > Audio & Video Connectors > SATA & Micro SATA



SATA Connector Type: **SATA**

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Number of Positions: **22**

Contact Configuration: **7P + 15P**

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 | 22 |
| PCB Mount Orientation | Vertical |
| Number of Rows | 1 |
| Number of Ports | 2 |

Body Features

| | |
|-------------------|----------|
| Connector Profile | Standard |
|-------------------|----------|

Contact Features

| | |
|--|--|
| Contact Mating Area Plating Material Thickness | .76 μm [30 μin] |
| Contact Mating Area Plating Material | Gold |

| | |
|---|--------------|
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Configuration | 7P + 15P |
| Contact Current Rating (Max) | 1.5 A |

Termination Features

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|---|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---|---------------|

Mechanical Attachment

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|------------------------------------|----------------|
| PCB Mount Retention Feature Length | .8 mm[.032 in] |
| Mating Alignment Type | Polarization |
| PCB Mount Retention | With |
| PCB Mount Retention Type | Solder Peg |
| PCB Mount Location | Top |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|--------------------------------|
| Housing Material | High Temperature Thermoplastic |
| Housing Color | Black |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

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|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.2 mm[.048 in] |
| Profile Height from PCB | 8.15 mm[.32 in] |

Usage Conditions

| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 - 85 °C[-40 - 185 °F] |
|-----------------------------|---------------------------|

Operation/Application

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

Industry Standards

| | |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

| | |
|--------------------|------------------|
| Packaging Quantity | 48 |
| Packaging Method | Box & Tray, 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 |

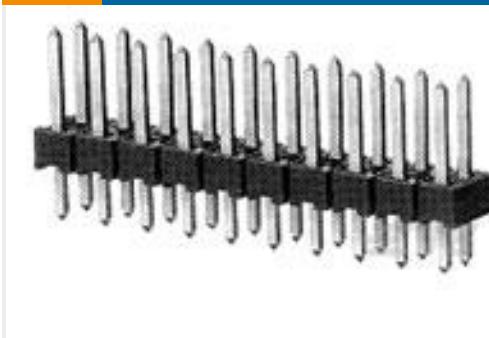
Product Compliance Disclaimer

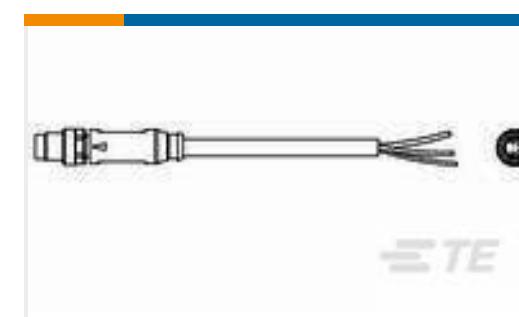
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



Customers Also Bought

| | | | |
|---|---|--|---|
|  TE Part # 2309409-1 DDR4 SODIMM 260P 5.2H STD |  TE Part # 1-1825027-7 FSMRA6JH04=R/A,TACT PB SW,160G |  TE Part # 826656-8 8P AMPMODU II STIFT LEI |  TE Part # 292303-1 Std USB Type A, R/A, T/H |
|---|---|--|---|

TE Part # 5-5179009-2
0.8FH,R09H.5,060,08/Sn,TUTE Part # 292230-9
1.5 MINI CT SGL V SMT W/BOSS 9TE Part # ANT-5GWWS6-SMA
Antenna Dipole Blade 5G/LTE Swivel SMATE Part # 2273002-2
M8 x 1.0 straight plug PigtailTE Part # YDTS26W21-35SBV001
PLUG ASSY

Documents

Product Drawings

SATA BACKPLANE RECEPTACLE, VERTICAL, SMT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1735284-2_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735284-2_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1735284-2_D.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

Agency Approvals

UL Report

English