



Mini-SAS

TE Internal #: 1761987-7

Mini-SAS, Receptacle, Cable-to-Board, 26 Position, 2 Row, 1 Port, Right Angle, Surface Mount, .8 mm [.031 in] Centerline, Signal, Mini-SAS

[View on TE.com >](#)

Connectors > PCB Connectors > SAS & MiniSAS > Mini-SAS Shielded Receptacle Assemblies



SAS Connector Type: **Mini-SAS**
Connector & Housing Type: **Receptacle**
Connector System: **Cable-to-Board**
Number of Positions: **26**
Number of Rows: **2**

[All Mini-SAS Shielded Receptacle Assemblies \(19\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Shell	Without
SAS Connector Type	Mini-SAS
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board

Configuration Features

Number of Positions	26
Number of Rows	2
Number of Ports	1
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
	30 µin
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

Profile Height from PCB	5.35 mm[.211 in]
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Usage Conditions

High Temperature Housing	Yes
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box, Package
Packaging Quantity	400

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
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: JUNE 2024 (241) 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



TE Part # 1-2007570-6
REC ASSY R/A W/ H/D 38P,
EVERCLEAR, T&R

Also in the Series | Mini-SAS



SAS & MiniSAS(30)



Customers Also Bought

TE Part #1586042-8
8P VAL-U-LOK R/A HDR V0

TE Part #1761015-3
SFP 1X6 CAGE ASSY W/ KAPTON TAPE, PF

TE Part #3-1318983-6
DYNAMIC D-5200M ALPHA HDR ASSY 4P XY AG

TE Part #284511-5
5 POS TERMI-BLOK PLUG C. VITI

TE Part #284519-5
5P TERMIBLOK HDR DIR VITI 3

TE Part #770156-5
04P CMNL IDC PLUG 16 AWG BLU V

TE Part #1-440055-0
2.0MM,HDR,10POS,R/A

TE Part #1676444-2
RN 0805 82K5 0.1% 10PPM 1KRL

TE Part #284511-6
6 POS TERMI-BLOK PLUG C. VITI

TE Part #5-1768703-3
WP-508127-10-9

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1761987-7_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1761987-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1761987-7_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773717-7_PLUGGABLE_IO_QRG_CN

English



1-1773717-8_PLUGGABLEIO_QRG_TCN

English

1-1773717-9_HIGH_SPEED_IO_QRG_JA

English

EVERCLEAR Mini Multi-Lane High Speed Interconnects Datasheet 1773447-2

English

1773447-2 EVERCLEAR Mini Multi-Lane High Speed Interconnects & Cable Assemblies

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English