1761987-7 ✔ ACTIVE

Mini-SAS

TE Internal #: 1761987-7

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

Shell	Without
SAS Connector Type	Mini-SAS
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
Number of Positions	26
Number of Rows	2
Number of Ports	1
PCB Mount Orientation	Right Angle

Contact Features

1761987-7

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

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

Termination Features

Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Profile Height from PCB	5.35 mm[.211 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	400
Packaging Method	Box, Package

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

1761987-7

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

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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)

Documents

1761987-7

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

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

4-1773455-2 - Quick Reference Guide Pluggable I/O Solutions

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1761987-7_09092016410_dmtec

English

MD_1761987-7_09092016410_dmtec

English

Agency Approvals

UL Report

English