

2187626-1 ✓ ACTIVE

STRADA | STRADA Whisper 3.9mm

TE Internal #: 2187626-1

High Speed Backplane Connectors, Board-to-Board, 72 Position,
Mating Alignment, Polarization Mating Alignment Type, 12 Row,
STRADA Whisper 3.9mm

[View on TE.com >](#)



[Connectors](#) > [PCB Connectors](#) > [Backplane Connectors](#) > [High Speed Connectors](#)



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

Number of Positions: **72**

Row-to-Row Spacing: **2.5 mm [.098 in]**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Features

Product Type Features

Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Pairs	12
Number of Positions	72
Number of Rows	12
Number of Columns	6
Backplane Architecture	Mezzanine, Traditional Backplane
PCB Mount Orientation	Vertical
Guide Location	Unguided

Contact Features

Contact Type	Receptacle
Contact Current Rating (Max)	.5 A

Mechanical Attachment

Mating Alignment	With
------------------	------



Mating Alignment Type	Polarization
-----------------------	--------------

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Housing Material	Thermoplastic
------------------	---------------

Housing Color	Black
---------------	-------

Centerline (Pitch)	3.9 mm[.153 in]
--------------------	-----------------

Dimensions

Row-to-Row Spacing	2.5 mm[.098 in]
--------------------	-----------------

Usage Conditions

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 Method	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: JUNE 2022 (224) Candidate List Declared Against: JAN 2021 (211) 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	Not applicable for solder process capability
---------------------------	--

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 # 2187544-1
SW PIR HDR BP, 100OHM, 12X6 DEW



TE Part # 3-2320907-6
C/A, 12P6C 100 OHM PIR CBL
STRADA WHISPER



TE Part # 5-2320907-6
C/A, 12P6C 100 OHM PIR CBL
STRADA WHISPER



TE Part # 6-2320907-6
C/A, 12P6C 100 OHM PIR CBL
STRADA WHISPER

Also in the Series | STRADA Whisper 3.9mm



High Speed Backplane Cable
Assemblies(16)



High Speed Backplane Connectors(41)

Documents

Product Drawings

[SW PIR VERT RECEPT, 100OHM, 12X6, 15MM](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2187626-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2187626-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2187626-1_A.3d_stp.zip](#)



English

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

Datasheets & Catalog Pages

[STRADA Whisper 3.9mm 100-Ohm Pair-In-Row Vertical Header Connector Routing Guide](#)

English

Product Specifications

[Application Specification](#)

English