2187726-1 ✔ ACTIVE

STRADA Whisper | STRADA Whisper 3.9mm

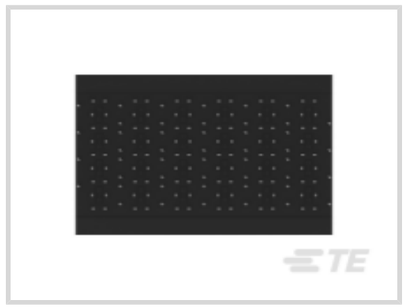
TE Internal #: 2187726-1

High Speed Backplane Connectors, 48 Position, Mating Alignment, Polarization Mating Alignment Type, 4 Row, 6 Column, STRADA Whisper 3.9mm

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors




Number of Positions: **48**

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

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Number of Rows: **4**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Partially Shrouded

Configuration Features

Number of Pairs	24
Backplane Architecture	Traditional Backplane
Number of Positions	48
Number of Rows	4
Number of Columns	6
PCB Mount Orientation	Vertical

Signal Characteristics

Differential Impedance	92 Ω
Number of Differential Pairs per Column	4

Contact Features

Contact Current Rating (Max)	.5 A

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization

Housing Features

Number of Shrouded Sides	2
Centerline (Pitch)	3.9 mm[.154 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

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	Not reviewed 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 # 2356429-1
RA REC ASSY 4X6, 92OHM PIR WHISPER R

Also in the Series | STRADA Whisper 3.9mm



High Speed Backplane Cable Assemblies(16)



High Speed Backplane Connectors(41)

Customers Also Bought



TE Part # 2204403-1
MULTI-BEAM HD R/A REC.2P



TE Part # 2387351-1
Lidar, Matenet+Power+signal, code A

TE Part # 1-2362391-8
ELCON MICRO,R/A DIP W/B CAP,4P

TE Part # 2170462-5
SFP+assy 2x6 Spring Fingers 4 LP Sn

TE Part # 2187690-1
SW PIR HDR BP, 92OHM, 6X6 OE

TE Part # 2317416-3
OSFP 1X1 CAGE ASSMBLY

TE Part # 2325259-1
RA REC ASSY 4X6, 92OHM PIR WHISPER R

TE Part # 2-2445508-1
DDR5 DIMM BLACK HSG & BLACK LATCH

Documents

Product Drawings

SW PIR HDR BP, 92OHM, 4X6 OEW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2187726-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2187726-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2187726-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

STRADA Whisper R Product Flyer

English

STRADA Whisper R Product Flyer (Chinese)

Product Specifications

Product Specification

English

Product Specification

English