

2187726-1 ✓ ACTIVE

[STRADA Whisper](#) | [STRADA Whisper 3.9mm](#)

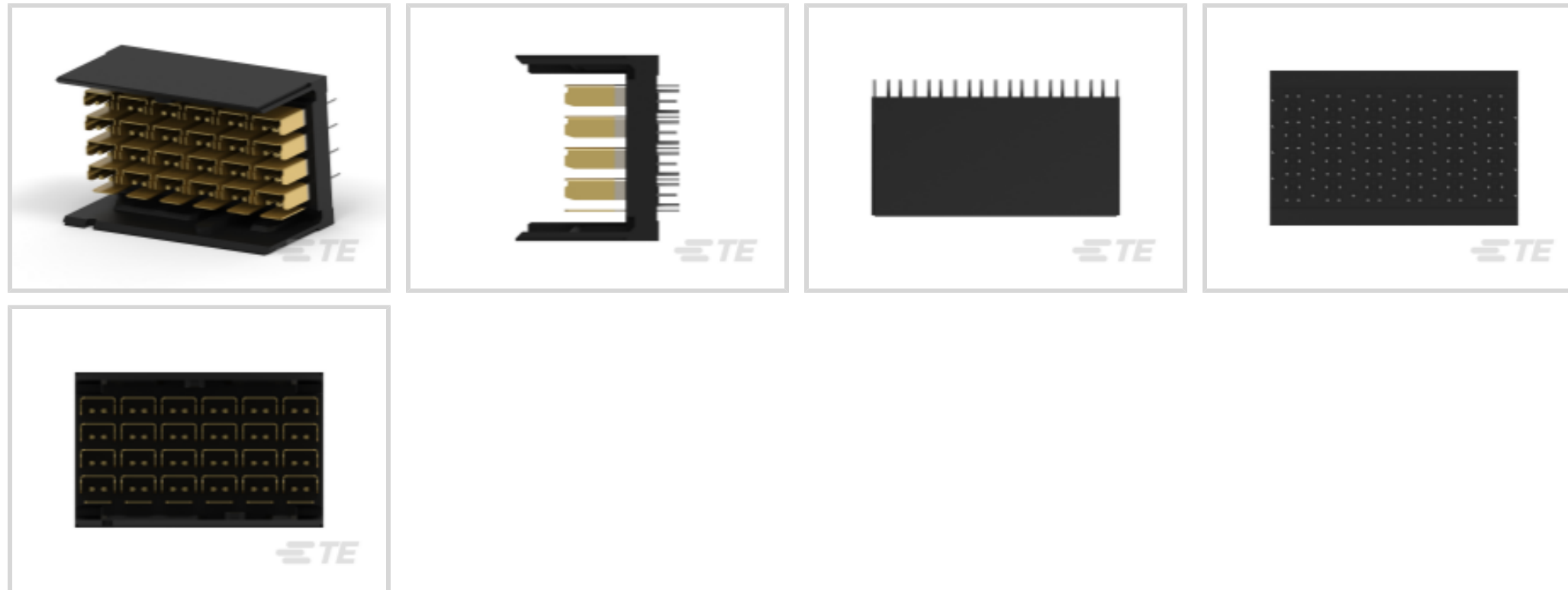
TE Internal #: 2187726-1

High Speed Backplane Connectors, Board-to-Board, 48 Position,
Mating Alignment, Polarization Mating Alignment Type, 4 Row,
STRADA Whisper 3.9mm

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



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

Number of Positions: **48**

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 Header
Shroud Style	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Signal Characteristics

Differential Impedance	92 Ω
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Number of Differential Pairs per Column	4
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Contact Features

Contact Current Rating (Max)	.5 A
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Mechanical Attachment

Mating Alignment	With
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Mating Alignment Type	Polarization
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Housing Features

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

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

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

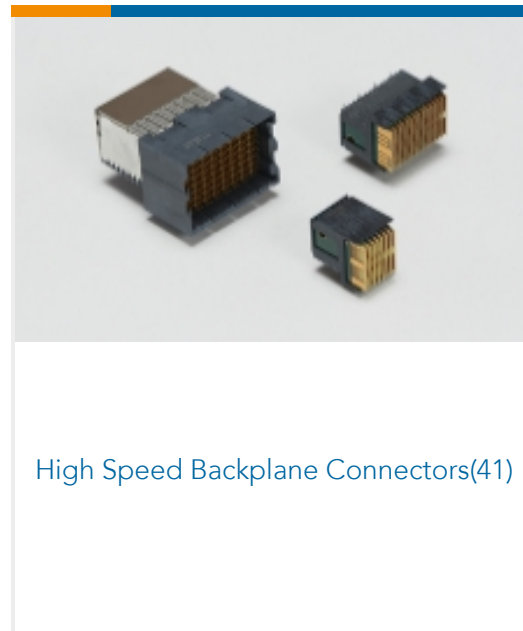
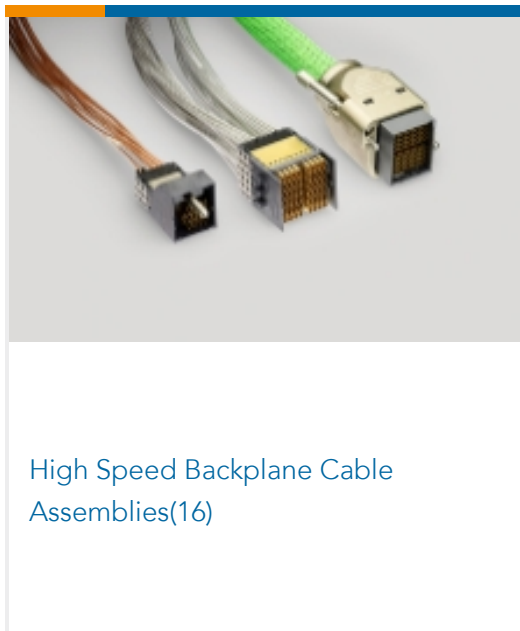
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

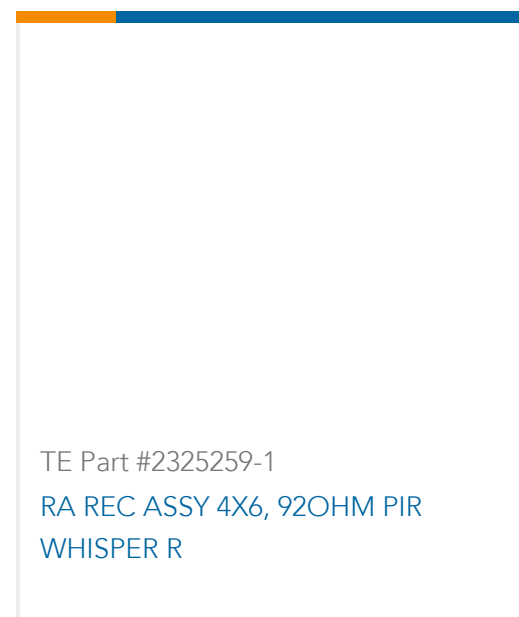
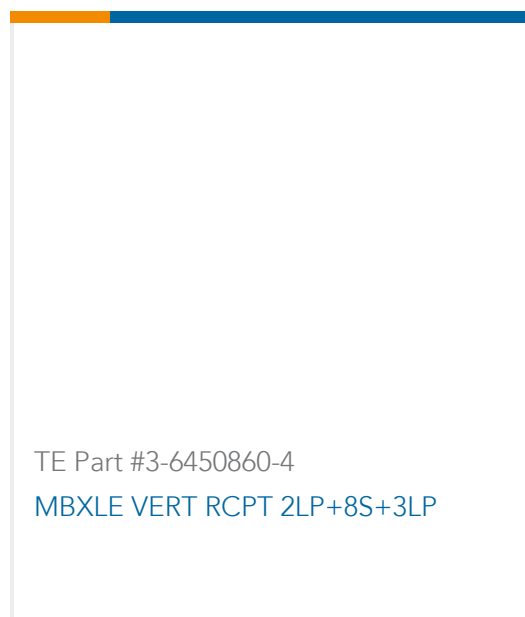


Also in the Series | STRADA Whisper 3.9mm



Customers Also Bought





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

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Datasheets & Catalog Pages

[STRADA Whisper R Product Flyer](#)

English

[STRADA Whisper R Product Flyer \(Chinese\)](#)

Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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