

2329739-1 ✓ ACTIVE

STRADA Whisper | STRADA Whisper 3.9mm

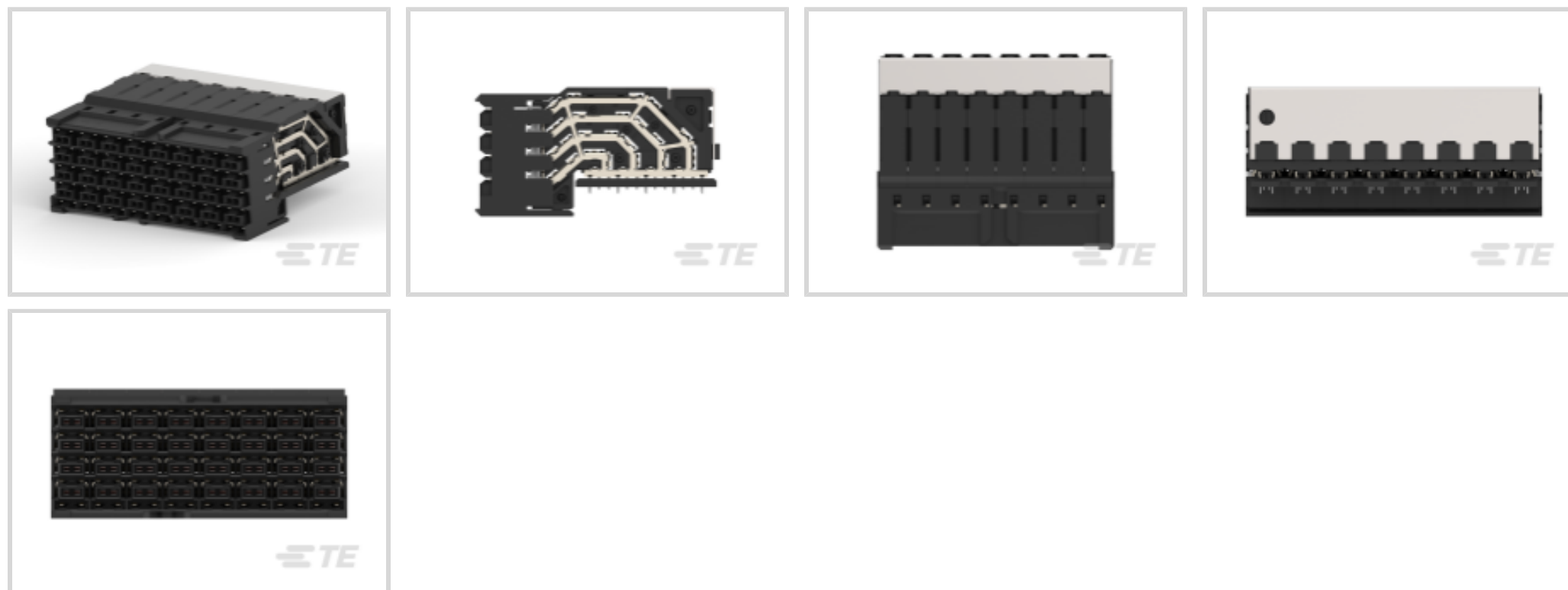
TE Internal #: 2329739-1

64 Position High Speed Backplane Connector, Mating Alignment,
Keyed Mating Alignment Type, 4 Row, 8 Column, PCB Mount
Receptacle, STRADA Whisper 3.9mm

[View on TE.com >](#)



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



Number of Positions: **64**

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

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

Number of Rows: **4**

Features

Electrical Characteristics

Operating Voltage	80 VAC
Impedance	92 Ω

Signal Characteristics

Data Rate	56 Gb/s
Differential Impedance	92 Ω
Number of Differential Pairs per Column	8

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476

Body Features



Shield Material	Phosphor Bronze
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Primary Product Color	Black
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Packaging Features

Packaging Method	Tube
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Operation/Application

Durability Rating	200 Cycles
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Circuit Application	Signal
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Contact Features

Contact Shape & Form	Dual Beam
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Contact Base Material	Phosphor Bronze
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PCB Contact Termination Area Plating Material	Tin
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Contact Type	Receptacle
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Contact Current Rating (Max)	.4 A
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Housing Features

Number of Shrouded Sides	0
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Housing Material	LCP (Liquid Crystal Polymer)
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Centerline (Pitch)	3.9 mm [.154 in]
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Product Type Features

Signal Arrangement	Differential
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Connector & Contact Terminates To	Printed Circuit Board
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Connector System	Board-to-Board
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Backplane Module Type	Center
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PCB Connector Assembly Type	PCB Mount Receptacle
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Shroud Style	Unshrouded
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Mechanical Attachment

Guide Hardware	Without
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PCB Mount Retention	With
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Mating Retention	Without
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PCB Mount Retention Type	Action/Compliant Tail
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Mating Alignment	With
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Mating Alignment Type	Keyed
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Configuration Features



Number of Pairs	32
Number of Ground Positions	40
Number of Signal Positions	64
Number of Power Positions	64
Backplane Architecture	Traditional Backplane
Pairs per Column	4
Number of Positions	64
Number of Rows	4
Number of Columns	8
PCB Mount Orientation	Right Angle

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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	Not applicable for solder process capability

Product Compliance Disclaimer

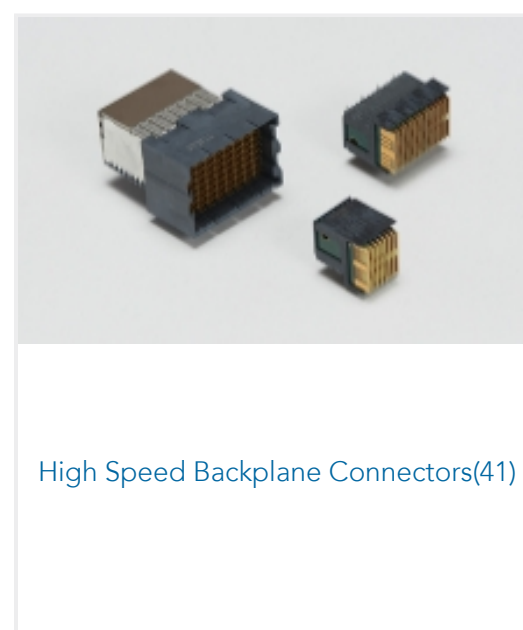
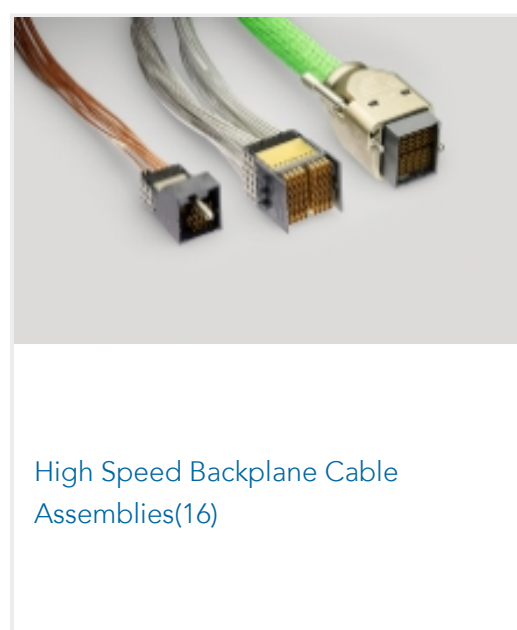
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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



Also in the Series | STRADA Whisper 3.9mm



Customers Also Bought



Documents

Product Drawings

RA REC ASSY 4X8, 92OHM PIR WHISPER R

English

CAD Files



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2329739-1_2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2329739-1_2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2329739-1_2.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[STRADA Whisper R Product Flyer](#)

English

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

Product Specifications

[Application Specification](#)

English