



Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane 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
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Body Features

Primary Product Color	Black
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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
Centerline (Pitch)	3.9 mm[.153 in]

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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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tray
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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 2023 (235) 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 # 2185279-1
ASSY, EXTRACTION TOOL



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



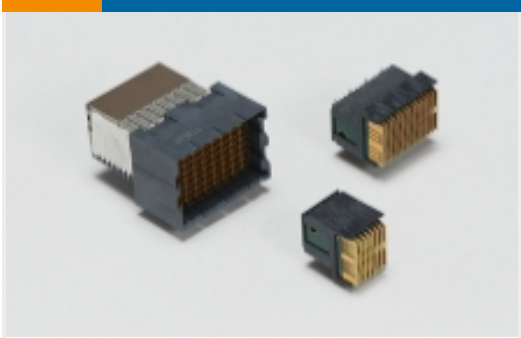
TE Part # 6-2320907-6
C/A,12P6C 100 OHM PIR CBL
STRADA WHISPER

Also in the Series

STRADA Whisper 3.9mm

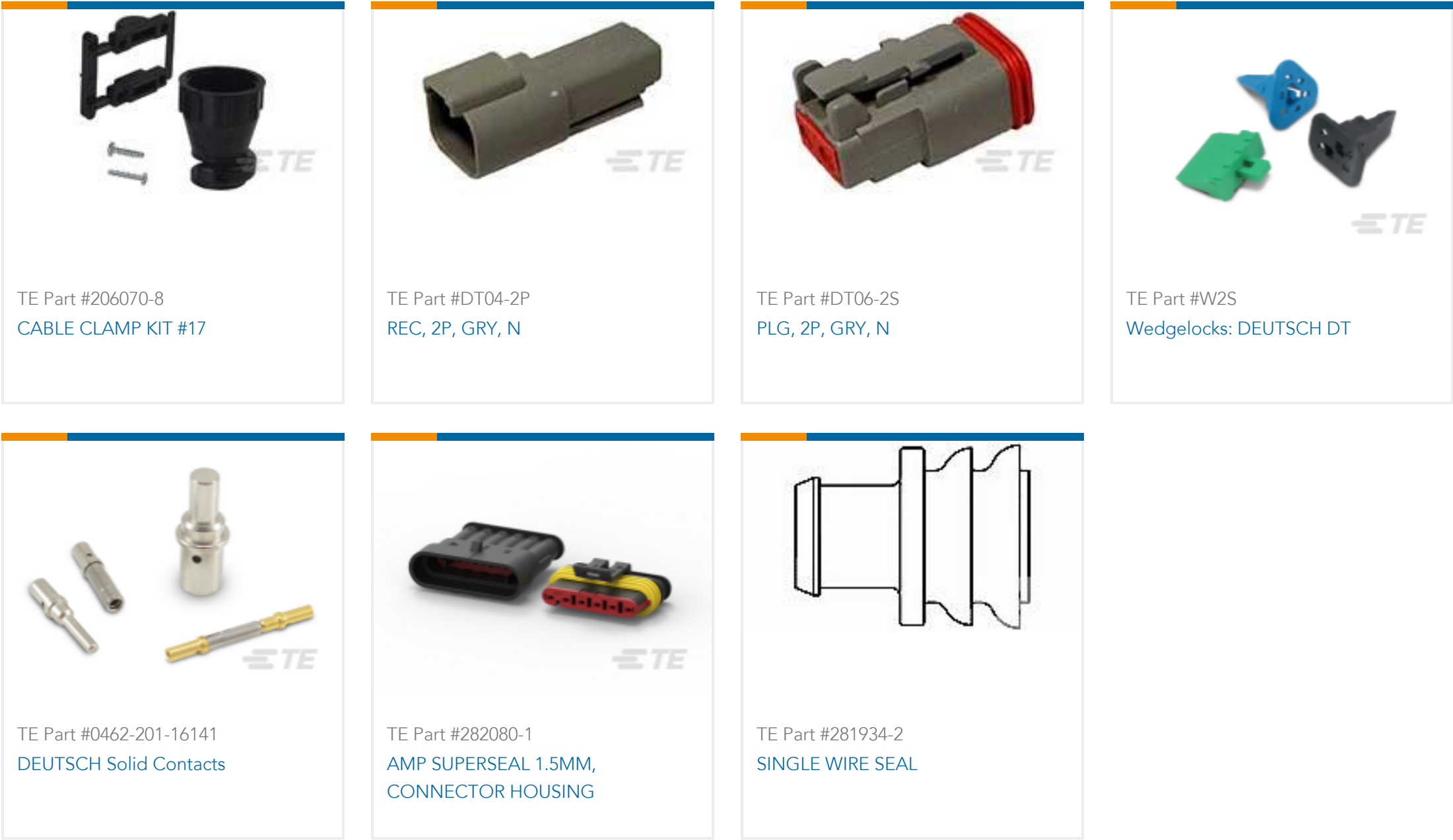


High Speed Backplane Cable
Assemblies(16)



High Speed Backplane Connectors(41)

Customers Also Bought



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