



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



Number of Positions: 72
Row-to-Row Spacing: 2.5 mm [.098 in]
Mating Alignment: With
Mating Alignment Type: Polarization
Number of Rows: 12

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Body Features

Primary Product Color	Black
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Packaging Features

Packaging Method	Tray
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Contact Features

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

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	3.9 mm[.153 in]

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Receptacle

Configuration Features

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

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

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

TE Part # 2185279-1
ASSY, EXTRACTION TOOL

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)

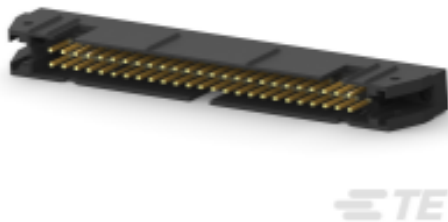
High Speed Backplane Connectors(41)

Customers Also Bought





TE Part #5749070-9
100 50SR VERT RCPT ASSY



TE Part #CAT-AM74-UN384H
AMP-LATCH UNIVERSAL HEADERS



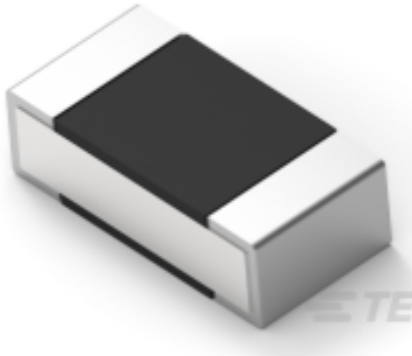
TE Part #5174339-5
AMPLIMITE 050 SRS CONTACT



TE Part #745414-1
50 PLUG SP/MS STD



TE Part #3-1879216-5
CPF0402 200K 0.1% 25PPM 1K RL



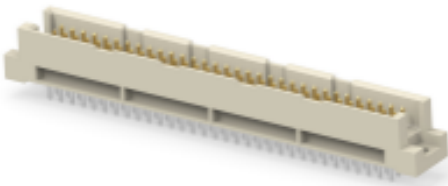
TE Part #2-2176308-7
RP 1E 0.1W 249K 0.1% 25PPM 5K RL



TE Part #2102772-1
DC, 7Row, Half Left End, MULTIGIG
RT 2R



TE Part #1747981-2
Std HDMI, RA, SMT



TE Part #374000-E
STVR 96 MI ABC VVV 4-00 GA06 4,0 *
247 E

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