

CONNECTOR ASSEMBLY, DUAL POSIT ✓ ACTIVE

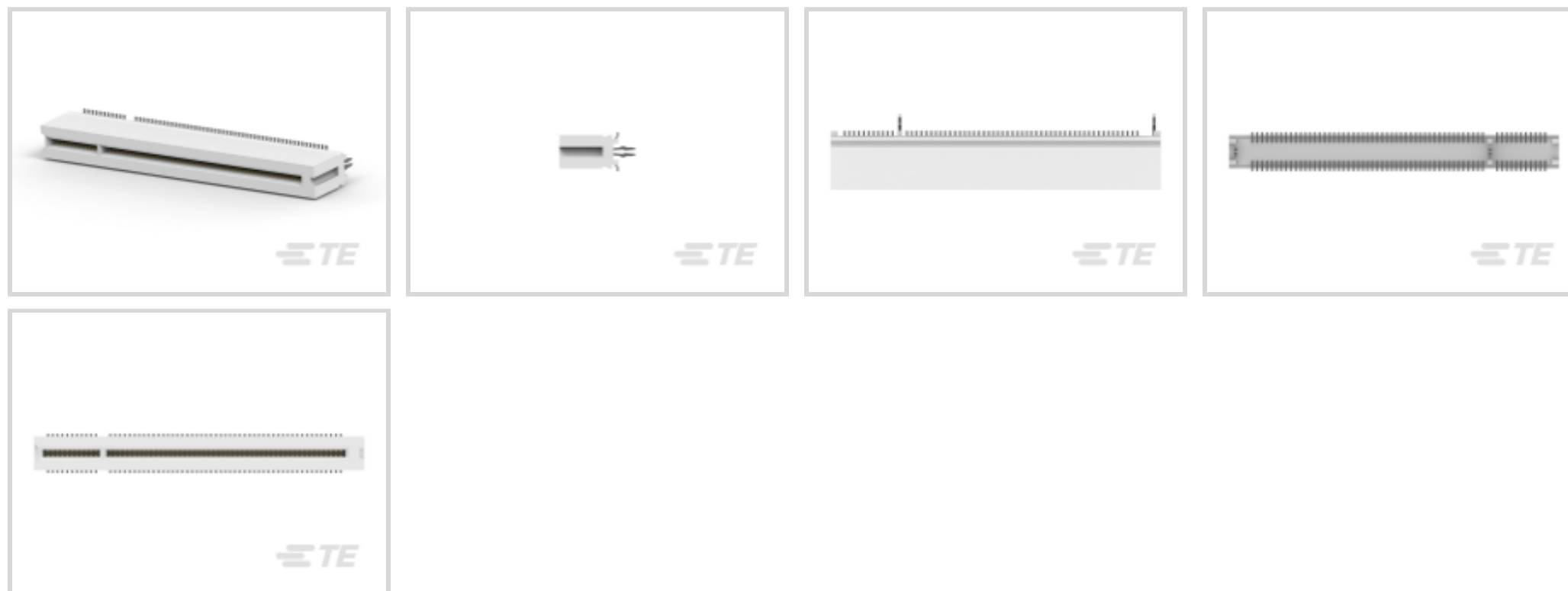
TE Part # 5145098-1

TE Internal #: 5145098-1

[View on TE.com >](#)



Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



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

Number of Positions: **120**

Centerline (Pitch): **1.27 mm [.05 in]**

Contact Mating Area Plating Thickness: **30 μ in**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Type of Connector	Card Edge

Configuration Features

Number of Hold-Downs	2
Number of Positions	120
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	203 VAC
Voltage	203 VAC

Body Features

Bus Width	32 Bit
Hold-Down Material	Brass
Weight	14.353 g

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Thickness	30 µin
Contact Current Rating (Max)	.5 A
Solder Tail Contact Plating Thickness	2.54 µm

Mechanical Attachment

PCB Mounting Style	Surface Mount
PCB Mount Retention Type	Hold-Down Post
Connector Mounting Type	Board Mount

Housing Features

Hold-Down Plating Material	Tin over Nickel
Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Natural

Dimensions

PCB Thickness (Accepted)	.62 mm[.024 in]
Height	15.49 mm[.61 in]
Width	.35 mm[.014 in]
Length	3.44 mm[.135 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Pick and Place Cover	Without
Circuit Application	Signal

Industry Standards

Bus Type	PCI
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Packaging Features

Packaging Quantity	32
Packaging Method	Box & Carton

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 2019 (197) Candidate List Declared Against: JUN 2018 (191)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°C

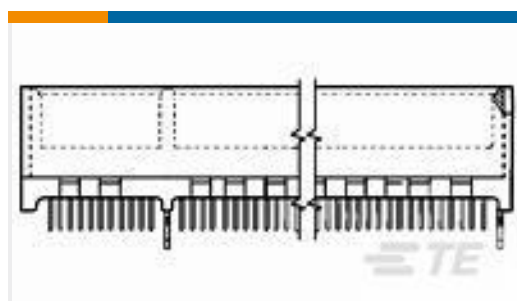
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

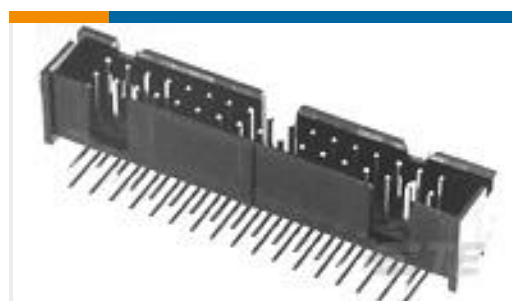
Customers Also Bought



TE Part #770846-1
04P CMNL HDR ASSY R/A
BLK HT



TE Part #5145167-4
STANDARD EDGE .050
SERIES 60 DUAL ASSY



TE Part #5103311-5
A/L LOW PRO HDR 20P
RA BLACK



TE Part #5414907-1
JACK,PCB,75 OHM,NC



TE Part #2013289-1
SEMI-HARD TRAY DDR3
204P 5.2H STD



TE Part #5145154-8
STANDARD EDGE .050
SERIES 60 DUAL ASSY



TE Part #5413558-1
JACK,RTANG,PCB,75
OHM,BNC



TE Part #87220-8
08 MODII HDR SRST
UNSHRD .100



TE Part #1825255-5
MHS12304=SPDT SL SW
VERT AG



TE Part #5-146130-9
20 MODII HDR DRST
SFMNT B/A LF

Documents

Product Drawings

[CONNECTOR ASSEMBLY, DUAL POSIT](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5145098-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5145098-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5145098-1_O.3d_stp.zip](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English