

2291283-1 ✓ ACTIVE

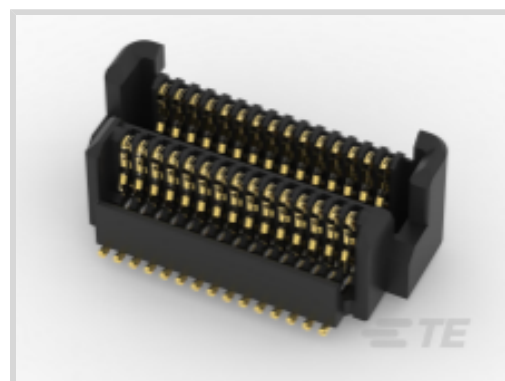
TE Internal #: 2291283-1

PCB Mount Hermaphroditic Connector, Vertical, Board-to-Board,
30 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal,
Black, Tape & Reel

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Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Hermaphroditic Connector**

PCB Mount Orientation: **Vertical**

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

Features

Contact Features

	15 µin
Contact Mating Area Plating Material	Gold
Contact Type	Hermaphroditic
Contact Current Rating (Max)	.5 A

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

PCB Connector Assembly Type	PCB Mount Hermaphroditic Connector
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Board-to-Board Configuration	Parallel
PCB Mount Orientation	Vertical
Number of Positions	30
Number of Rows	2

Body Features



Primary Product Color	Black
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Termination Features

Rectangular Termination Post & Tail Width	.2 mm[.008 in]
Rectangular Termination Post & Tail Thickness	.15 mm[.005 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Solder Peg
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	.5 mm[.02 in]

Dimensions

Stack Height	4 mm[.157 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape & Reel
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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

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

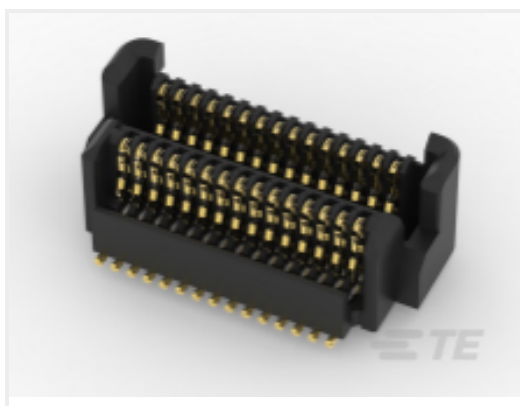
Solder Process Capability

Reflow solder capable to 260°C

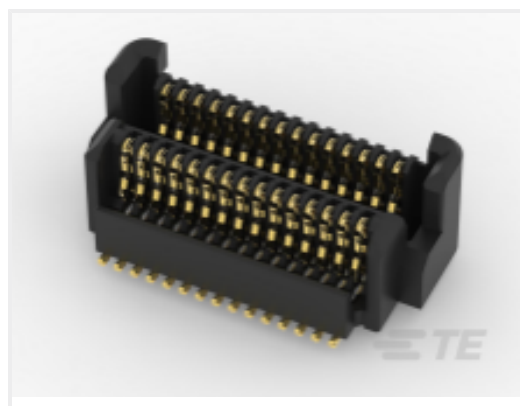
Product Compliance Disclaimer

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 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 # 2291283-1
0.5MM FPH BTB, 4H/30POS/15U/TR /WB/B



TE Part # 2291283-2
0.5MM FPH BTB, 4H/30POS/15U/TR /WOB/B

Customers Also Bought



TE Part #5745968-7
25 PLUG SP/FMS INSRT



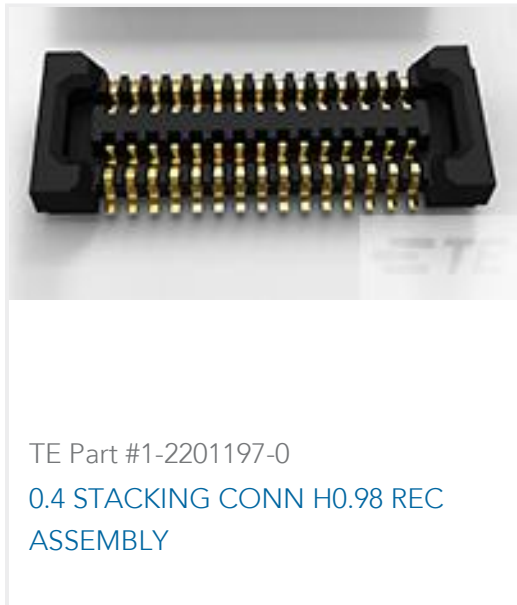
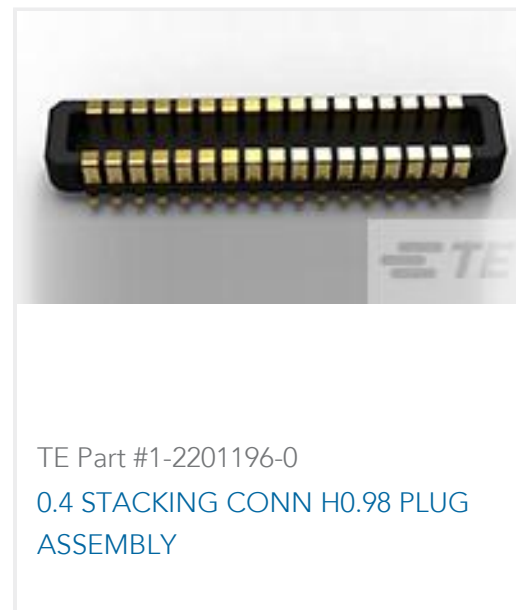
TE Part #5352152-1
Z-PACK/B22 RAF 110P



TE Part #1717254-4
EMBOSS ASSY DDR2 SODIMM SOCKET 200P 5.2H



TE Part #5745967-7
25 RCPT SP/FMS INSRT



Documents

Product Drawings

[0.5MM FPH BTB, 4H/30POS/15U/TR/WB/B](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2291283-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2291283-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2291283-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773721-3_0.5mm_FinePitch_Hermahroditic_BtB_Connector_flyer](#)

English

Product Specifications

[Application Specification](#)

English