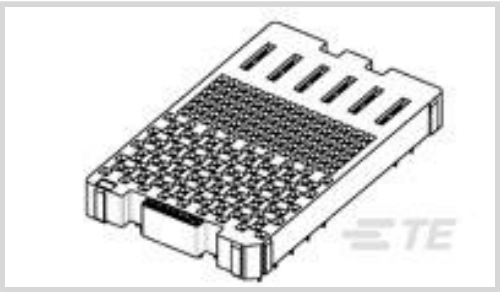




Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
PCB Connector Assembly Type: **PCB Mount Receptacle**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features

Number of Pairs	32
Number of Loaded Positions	193
Number of Signal Positions	8
Number of Power Positions	6
Stackable	No
Pairs per Column	8
PCB Mount Orientation	Vertical
Number of Positions	32, 84, 6, 193

Electrical Characteristics

Operating Voltage	6 VDC
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Impedance

100 Ω

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.076 μm[3 μin]
Mating Tab Width	4.5 mm, .69 mm[.177 in][.027 in]
PCB Contact Termination Area Plating Material Thickness	.5 – 2.54 μm[19.685 – 100 μin]
Contact Layout	Staggered
Contact Base Material	Copper Alloy
Mating Tab Thickness	.41 mm, .3 mm[.011 in][.015 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Rectangular Termination Post & Tail Width	.43 mm, .74 mm[.016 in][.029 in]
Rectangular Termination Post & Tail Thickness	.2 mm, .15 mm[.005 in][.008 in]
Termination Post & Tail Length	2.05 mm[.08 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Mating Retention	With
PCB Mount Alignment Type	Post Polarization
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Mating Entry Location	Top
Housing Material	Matte
Centerline (Pitch)	3.04 mm, 6.09 mm, 1.52 mm[.06 in][.24 in][.12 in]

Dimensions



PCB Thickness (Recommended)	.06 mm[.8 in]
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Connector Height	4.49 mm[.176 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	32
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 7-2110900-5
STRADA MESA,HD,ST,032,084,06,SN,
N,25

TE Part # 7-2110900-3
STRADA MESA,HD,ST,032,084,06,SN,
N,23

TE Part # 7-2110900-8
STRADA MESA,HD,ST,032,084,06,SN,
N,28

TE Part # 9-2110900-0
STRADA MESA,HD,ST,032,084,06,SN,
N,40

TE Part # 6-2110900-1
STRADA MESA,HD,ST,032,084,06,SN,
N,11

Customers Also Bought

TE Part #DT04-2P
REC, 2P, GRY, N

TE Part #W2S
Wedgelocks: DEUTSCH DT

TE Part #0460-202-16141
DEUTSCH Solid Contacts

TE Part #282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part #DT06-2S
PLG, 2P, GRY, N

TE Part #281934-2
SINGLE WIRE SEAL

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings
STRADA MESA,RC,ST,032,084,06,SN,N,NA
English

CAD Files
Customer View Model
ENG_CVM_CVM_5-2110901-1_A.2d_dxf.zip

5-2110901-1

PCB Mount Receptacle, Vertical, Board-to-Board, 193 / 6 / 84 Position, 1.52 mm / 3.04 mm / 6.09 mm [.06 in / .12 in / .24 in] Centerline, Gold



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-2110901-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-2110901-1_A.3d_stp.zip](#)

English

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

[Product Specifications](#)

[Application Specification](#)

English