2057471-1 SUPERSEDED

STRADA

TE Internal #: 2057471-1

TE Internal Description: STRADA MESA,RC,ST,032,084,06,PB,Y,NA

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **199**

Centerline (Pitch): **3.04 mm, 6.09 mm [.12 in, .24 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

PCB Connector 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
Stackable	Yes
Pairs per Column	8
Number of Positions	199
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel
Number of Power Positions	6
Number of Signal Positions	8

Electrical Characteristics

Impedance	100 Ω
Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC
Operating Voltage	6 VDC

Signal Characteristics

Data Rate	16 Gb/s

Body Features

Primary Product Color	Black

Contact Features

Mating Tab Width	.69 mm, 4.5 mm[.027 in][.177 in]
Contact Layout	Staggered
Contact Base Material	Copper Alloy
Mating Tab Thickness	.3 mm, .41 mm[.011 in][.015 in]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	1.5 A
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]

Termination Features

Rectangular Termination Post & Tail Width	.43 mm, .74 mm[.016 in][.029 in]
Rectangular Termination Post & Tail Thickness	.15 mm, .2 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
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	3.04 mm, 6.09 mm[.12 in][.24 in]
Housing Material	LCP (High Temp Thermoplastic)

Dimensions

Connector Height	4.49 mm[.177 in]
Stack Height	28 mm[1.102 in]
PCB Thickness (Recommended)	1.57 mm[.8 in]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	32
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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

Customers Also Bought

TE Part #188434-000
382C322-50-0



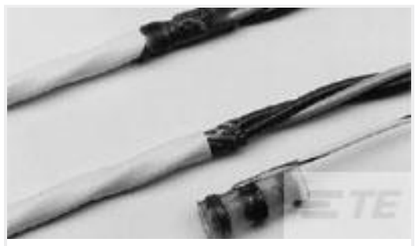
TE Part #YDIV46E23-35PNC009
PLUG ASSY



TE Part #YDIV46E15-18SNC128
PLUG ASSY



TE Part #YDIV40E17-08PNC009
RECP ASSY



TE Part #D08259-000
S200-2-01



TE Part #YDIV40E25-19SNC009
RECP ASSY

TE Part #EP6627-000
S200-3-01-CS4535



TE Part #YDIV40E25-19PBC009
RECP ASSY

TE Part #1-1423809-0
R10-E1P2-V700-01=RELAY,2C,BIFU, 24VDC,70K

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2057471-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2057471-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2057471-1_A.3d_stp.zip

English

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Datasheets & Catalog Pages

Stacking Connectors Quick Reference Guide (English)

English

Product Specifications

Application Specification

English