

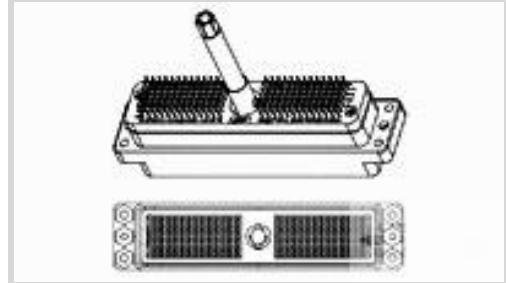
5316714-2  ACTIVE

TE Internal #: 5316714-2

PCB Mount Paddleboard Connector, Vertical, Wire-to-Board, 156 Position, .1 in Centerline, Unshrouded, Gold (Au), Through Hole - Solder, Power & Signal

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Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Paddleboard Connector**PCB Mount Orientation: **Vertical**Connector System: **Wire-to-Board**Number of Positions: **156**Number of Rows: **10**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Paddleboard Connector
Connector System	Wire-to-Board
Header Type	Unshrouded
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	260
Number of Power Positions	0
PCB Mount Orientation	Vertical
Number of Positions	156
Number of Rows	10

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Connector & Keying Code	Y
Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
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Contact Layout	Matrix
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	.8 A

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention Type	Locking Latch
Panel Mount Feature Type	Mounting Hole
Mating Retention	With
PCB Mount Retention Type	Mounting Hole
Mating Alignment Type	Guide Hole
PCB Mount Alignment Type	Standard Polarized Tail
PCB Mount Retention	With
PCB Mount Alignment	Without
Mating Alignment	With

Housing Features

Housing Material	Nylon Resin
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Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Shielded	No
Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire

UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

5

Packaging Method

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: JUNE 2024
(241)Candidate List Declared Against: JAN 2023
(233)

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

Wave solder capable to 240°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 #1757624-1
SZ 8 COAX PIN, RG142, HEX CRIMP



TE Part #EF9981-000
222K121-25L/225-0



TE Part #204502-4
RECEPT ASSY, 26 POSN, AMPLIMITE



TE Part #CAT-DMC-MD-26
Rectangular Connector Receptacle
Extenders, Tool-less Assembly



TE Part #ZPF000000000148762
DMC-M 99-04 AN (=33537-P0000)



TE Part #205162-6
AMPLIMITE, ASY, PLUG, 109,1

Documents

Product Drawings

[M-ZIF PLUG 156P LONG SOLDER](#)

Japanese

Product Specifications

[Product Specification](#)

English

[M-ZIF Connector](#)

English

[M-ZIF Connector](#)

Japanese

[Product Specification](#)

Japanese