1-111595-1 ✔ ACTIVE

AMP-LATCH

TE Internal #: 1-111595-1

PCB Mount Paddleboard Connector, Vertical, Cable-to-Board, 50 Position, .05 in [1.27 mm / .64 mm] Centerline, Ribbon Cable, Through Hole - Solder

View on TE.com >

Connectors > PCB Connectors > Board-In Connectors

PCB Connector Assembly Type: **PCB Mount Paddleboard Connector**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **50**

Centerline (Pitch): **.64 mm, 1.27 mm [.05 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Paddleboard Connector
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	50
Compatible With Wire & Cable Type	Ribbon Cable
Number of Rows	4

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	30 VAC

Body Features

Daisy Chain	With
Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Wire Contact Termination Area Plating Thickness	2.54 – 5.08 µm[100 – 200 µin]
Wire Contact Termination Area Plating Material	Tin-Lead

Contact Shape & Form	Dual Beam
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.61 mm[.024 in]
Termination Post & Tail Length	2.54 mm[.1 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	.64 mm, 1.27 mm[.05 in]
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Connector Length	36.47 mm[1.436 in]
Connector Height	8.64 mm[.34 in]
Row-to-Row Spacing	1.91 mm

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	56
Packaging Type	Tray

Product Compliance

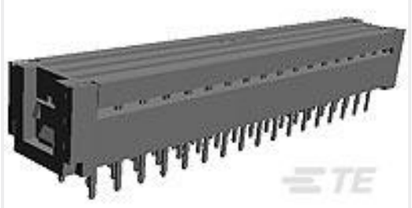
For compliance documentation, visit the product page on TE.com>

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 2022 (224) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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 # 1-5111595-1
050 ASSY SYS 50 PADDLEBOARD

Documents

Product Drawings

050 ASSY SYS 50 PADDLEBOARD

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-111595-1_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-111595-1_L.3d_igs.zip

English

Customer View Model

ENG_CVM_1-111595-1_L.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU SYSTEM 50 QUICK REFERENCE GUIDE

English

AMPMODU SYSTEM 50

English

Product Specifications

Application Specification

English