

# PS-50PE-D4T1-B1E

## Product Details



### Features

Board to wire connector, crimp type, 2.54mm pitch, 2 rows, Straight, 50 pos., Box type, Pin header

Part Number	PS-50PE-D4T1-B1E
Status	Active
Number of Positions	50 pos.
Contact Pitch (mm)	2.54
Rated Current (A)	3
Connector Type	Pin header Box type
Connector Style	Straight
Contact Type	Pin
Wire Termination Style	
PCB Mounting Method	Soldering
Number of Rows	2
Recommended PCB Thickness (mm)	1.6
Applicable Cable Conductive Area (mm <sup>2</sup> )	
Applicable Wire Insulation Diameter (mm)	

Dielectric Withstanding Voltage (VACr.m.s. 1minute)	1000
Insulation Resistance (megaohm min.)	1000
Contact Resistance (milliohm max.)	10
Material of Contact	Copper alloy
Finish of Contact in Connecting Area	Gold plating over Nickel
Finish of Contact in Terminal Area	Tin or Tin-alloy plating over Nickel
Material of Housing	Glass filled PBT (UL94V-0)
Color of Housing	Black
Mounting-side Contact Length (mm)	2.8
Use with Accessories	
Applicable Product Part Numbers	
Crimping Tool	
Packaging Type	
Quantity in The Standard Packaging (pieces)	
RoHS compliant	10 substances (2011/65/EU, (EU)2015/863)
REACH compliant	235 substances (14/06/2023)
Combination	<a href="#">PS-50SG-D4TS1-1E</a>
Remarks	Polarization key:1 place, Through-hole dia.:0.8 mm

**Notice**

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before

considering or ordering any of our products.

For purchase, a product specification must be agreed upon.

2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.

3. The products presented in this web site are designed for the uses recommended below.

We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

- \* Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.

- \* We may separately give you our support with a quality assurance program that you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

- \* Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc