



# PS-50SD-D4TS1-1

## Product Details

<b>Part Number</b>	<b>PS-50SD-D4TS1-1</b>
<b>Status</b>	<b>Active</b>
<b>Features</b>	2.54mm pitch socket receptacle for board-to-board connection, 50 pos., Socket
<b>Number of Positions</b>	50 pos.
<b>Contact Pitch (mm)</b>	2.54 mm
<b>Rated Current (A)</b>	3 A
<b>Connector Type</b>	Socket
<b>Connector Style</b>	Straight
<b>Number of Rows</b>	2
<b>PCB Mounting Method</b>	Soldering (Through-hole)
<b>Material of Contact</b>	Copper alloy
<b>Finish of Contact in Connecting Area</b>	Gold plating over Nickel
<b>Finish of Contact in PCB Mounting Area</b>	Gold flash plating over Nickel
<b>Material of Insulator</b>	Glass filled PBT (UL94V-0)
<b>Color of Insulator</b>	Black
<b>Existence of Polarization Key</b>	False
<b>PCB Boardlock Feature</b>	False
<b>Mounting-side Contact Length (mm)</b>	2.92
<b>Applicable PCB Thickness</b>	

(mm)	1.6
Through-hole Diameter (mm)	0.9
Locking Feature	No locking
Documents	<a href="#">Drawings</a>  <a href="#">PDF Download</a> 
Stock Search	<a href="#">Stock Search</a> >
RoHS compliant	10 substances (2011/65/EU)
REACH compliant	219 substances (08/07/2021)
Environment Information	<a href="#">RoHS/Reach Certificate</a> >
Combination	<a href="#">PS-50PE-D4T1-PN1</a> <a href="#">PS-50PE-D4LT1-PN1</a>
Remarks	Pin header (PS series Original type) of mating half also supports board-to-cable mounting

### 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