

# PS-50SM-D4P1-1C

## Product Details



### Features

Board to wire connector, conforming to MIL-DTL-83503 standard, F.R.C. insulation displacement MIL type, 2.54mm pitch, 2 rows, Closed end type, 50 pos., Socket connector

Part Number	PS-50SM-D4P1-1C
Status	Active
Number of Positions	50 pos.
Contact Pitch (mm)	2.54
Rated Current (A)	1
Connector Type	Socket connector
Connector Style	
Contact Type	Socket
Wire Termination Style	Insulation displacement
Applicable Wire Size (AWG)	1.27 mm pitch F.R.C. (#28 AWG or equivalent)
PCB Mounting Method	-
Number of Rows	2
Recommended PCB Thickness (mm)	-
Applicable Wire Insulation Diameter (mm)	1.1
Material of Contact	Copper alloy

Finish of Contact in Connecting Area	Gold plating over Nickel
Finish of Contact in Terminal Area	Gold flash plating over Nickel
Material of Housing	Glass filled PBT (UL94V-0)
Color of Housing	Black
Polarization Function	Available
Locking Feature	Latch
Mounting-side Contact Length (mm)	-
Use with Accessories	Strain relief:PS-SR50M2, Polarizing key:201-50051
Accessory Type	-
Applicable Product Part Numbers	-
RoHS compliant	10 substances (2011/65/EU, (EU)2015/863)
REACH compliant	235 substances (14/06/2023)
Combination	<a href="#">PS-50PE-D4LT1-B1E</a> <a href="#">PS-50PE-D4LT2-SM1E</a> <a href="#">PS-50PE-D4T1-B1E</a> <a href="#">PS-50PE-D4T1-SM1E</a> <a href="#">PS-50PE-D4T2-SM1E</a>
Remarks	Closed end type

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