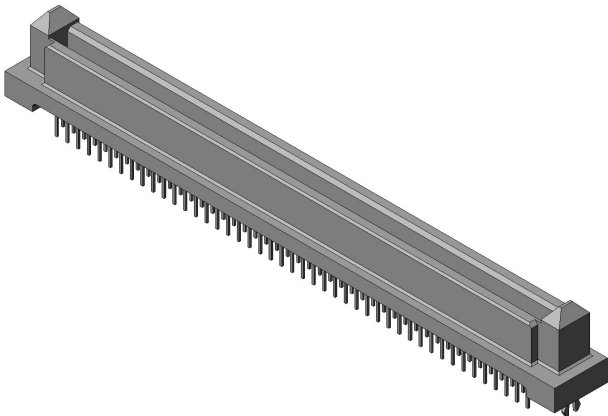


# KX24-180R-6ST-H1

## Product Details



### Features

Board to Board connector, Non-pin type , robust type with mating guide structure, 180 pos. 0.8mm pitch, Socket

Part Number	KX24-180R-6ST-H1
Status	Active(NRND)
Number of Positions	180 pos.
Contact Pitch (mm)	0.8
Rated Current (A)	0.5
Connector Type	Socket
Connector Style	Straight
Number of Rows	2
PCB Mounting Method	Soldering (Through-hole)
Material of Contact	Copper alloy
Finish of Contact in Connecting Area	Gold plating over Nickel
Minimum Thickness of The Plating Contact Area (micrometer)	0.1
Finish of Contact in PCB Mounting Area	Reflow Tin plating over Nickel

Material of Insulator	Glass filled PBT
PCB Mounted Height (mm)	10.4
Existence of Polarization Key	available
Existence of Location Boss	not available
PCB Boardlock Feature	Hook-pin
Existence of Mounting Ears	available
Mounting-side Contact Length (mm)	2.8
Operating Temperature Range (deg. C)	-40 to +80
Through-hole Diameter (mm)	0.6
RoHS compliant	10 substances (2011/65/EU, (EU)2015/863)
REACH compliant	235 substances (14/06/2023)
Combination	<a href="#">KX25-180P-LT-H1</a> <a href="#">KX25-180P-LT1-H1</a>
Remarks	

**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