






JN1VDS10SL1

Product Details



Part Number	JN1VDS10SL1
Status	Active
Features	Small circular connector, Enhanced vibration resistance for industrial equipment, All plastic, 10 pos., Straight plug
Number of Positions	10 pos.
Rated Current	3 A
Rated Voltage	230 VAC
Waterproof/ Non-waterproof	IP67 (when mated)
Applications	Servo motors, semiconductor manufacturing equipment, communication equipment, measurement, and various industrial equipment, such as robots, automation machines, machine tools, which all require vibration resistance and waterproofness.
Connector Type	Plug
Connector Style	Straight
Contact Type	Socket (Sold separately)
Wire Termination Method	Crimp

Applicable Wire Size (AWG)	#28, #26, #25 to #21, #21 to #20
Coupling Style	Push-and-twist lock
Contact Size	#22
Shell Size	S
Contact Arrangement Code	
Contact Size X No. of Contacts	#22*10
Applicable Wire (Cross-sectional Area of Conductor)	
Applicable Wire Insulation Diameter	
Alternative Insert Position	Normal position
Material of Contact	
Finish of Contact in Connecting Area	
Outer Shell Color	
Total Current Rating (A)	
Contact Resistance (milliohm)	
Dielectric Withstanding Voltage (1 minute)	900 VACr.m.s.
Insulation Resistance	1,000 megaohm min.
Mating Cycles	500 times
Operating Temperature Range	-20 deg. C to +125 deg. C
Applicable Contacts	JN2V-22-20S-10000, JN2V-22-22S-10000, JN2V-22-26S-10000
Applicable Housing	

Applicable Accessory	
Applicable Product Part Numbers	
Applicable Wire Diameter	5.7 to 7.3 mm
Documents	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px;">Catalog </div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px;">Drawings </div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px;">3D Models </div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px;">PDF Download </div> </div>
Stock Search	<div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">Stock Search </div>
RoHS compliant	10 substances (2011/65/EU)
REACH compliant	205 substances (16/01/2020)
Environment Information	

<p>Combination</p>	<p>JN1AS10ML2-R JN1AS10UL1 JN1HS10PL1 JN1HS10PL2 JN1HS10PL3 JN1HS10PL2-M JN1HS10PL3S JN1HS10PL4S JN1HS10PLKS2 JN1HS10PLKS1 JN1HS10PLKS3 JN1KS10PL1 JN1KS10PL2 JN2AS10ML1-R JN2AS10ML2-R JN2AS10ML3-R JN2AS10UL1-R</p>
<p>Remarks</p>	

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