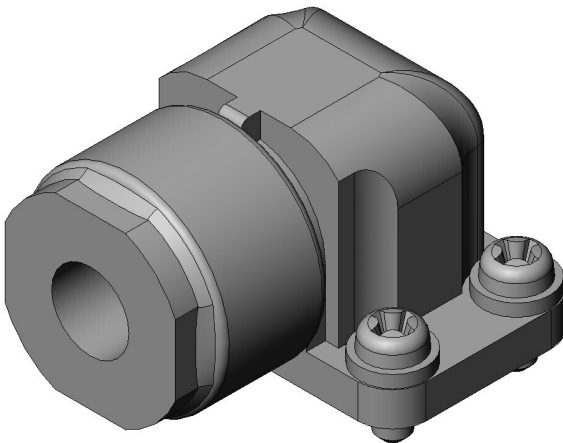


# JN6FR07SM1

## Product Details



### Features

Small waterproof connector, All plastic Compact and low profile, for Encoder, 7 pos., Right angle plug, Crimp socket type

Part Number	JN6FR07SM1
Status	Active
Number of Positions	7 pos.
Rated Current (A)	1A
Rated Voltage (V)	
Waterproof/ Non-waterproof	IP67 (when mated)
Applications	
Connector Type	Plug
Connector Style	Right angle
Contact Type	Socket(Sold separately)
Wire Termination Method	Crimp
Applicable Wire Size (AWG)	
Coupling Style	
Contact Size	#24
Shell Size	R
Contact Arrangement Code	

Contact Size X No. of Contacts	
Applicable Wire (Cross-sectional Area of Conductor)	
Applicable Wire Insulation Diameter (mm)	
Alternative Insert Position (deg.)	
Material of Contact	
Finish of Contact in Connecting Area	
Outer Shell Color	
Total Current Rating (A)	
Contact Resistance (milliohm)	
Dielectric Withstanding Voltage (VACr.m.s. 1minute)	AC 500 Vr.m.s.
Insulation Resistance (megaohm min. )	1,000 megohm min.
Mating Cycles (times)	
Operating Temperature Range (deg. C)	-40 Deg. C to +125 Deg. C
Applicable Contacts	LY10-C2-A1-10000,LY10-C1-A1-10000
Applicable Housing	
Applicable Accessory	
Applicable Product Part Numbers	
Applicable Wire Diameter	
RoHS compliant	10 substances (2011/65/EU, (EU)2015/863)
REACH compliant	235 substances (14/06/2023)
Combination	JN6CR07PM1
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