N/MS3101B24-7P

Product Details

Features

Circular connector compatible to MS standard, 16 pos., Contact Arrangement Code: 24-7, In-line receptacle, Pin

Part Number	**N/MS3101B24-7P**
Status	**Active**
Number of Positions	16 pos.
Rated Current (A)	#12: 23 A, #16: 13 A
Rated Voltage (V)	700 VDC, 500 VAC
Waterproof/ Non-waterproof	Non-waterproof
Applications	Aircraft-related machines, industrial machinery, machine tools, factory automation machinery, communications components, broadcasting components, measuring equipment, medical products, computers and related components, and various other electronic and electrical components.
Connector Type	Receptacle
Connector Style	In-line
Contact Type	Pin
Wire Termination Method	Soldering
Applicable Wire Size (AWG)	# 12:#12 MAX.,#16:#16 MAX.
Coupling Style	Threaded
Contact Size	#12, #16
Shell Size	24

Contact Arrangement Code	24 - 7
Contact Size X No. of Contacts	#12*2, #16*14
Applicable Wire (Cross-sectional Area of Conductor)	#12:3.5mm^{2}MAX., # 16:1.25mm^{2}MAX.
Applicable Wire Insulation Diameter (mm)	
Alternative Insert Position (deg.)	0
Material of Contact	Copper Alloy
Finish of Contact in Connecting Area	Silver plating
Outer Shell Color	
Total Current Rating (A)	45.6
Contact Resistance (milliohm)	
Dielectric Withstanding Voltage (VACr.m.s. 1minute)	2000
Insulation Resistance (megaohm min.)	5000
Mating Cycles (times)	
Operating Temperature Range (deg. C)	-55 deg. C to +125 deg. C
Applicable Contacts	
Applicable Housing	
Applicable Accessory	
Applicable Product Part Numbers	
Applicable Wire Diameter	
RoHS compliant	
REACH compliant	
Combination	N/MS3106B24-7S N/MS3108B24-7S

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