

JMD40A POWER CONNECTOR

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Type

The Male Connector: JMD-40AZ

The Female Connector: JMD-40AT



Operating Environment

Operating Temperature	-55 to + 125 °C
Relative Humidity	98% (40 °C)
Vibration	10 to 2,000Hz (a = 147m/s ²)
Shock	Acceleration 980m/s ²

Main Technical Specifications

Insulation Resistance		≥ 1,000MΩ		
Mechanical Life		1,000 times		
Housing Material		PET G30 UL94V-0 Black		
Contact	Spec.	Signal Contact		Power Contact
		#20	#16	#12
	Quantity	28	8	4
	Rated Current	5A	15A	35A
	Rated Voltage	50V	400V	400V
	Contact Resistance	≤5.0mΩ	≤2.5mΩ	≤1.0mΩ
	Withstand Voltage	1,000V	2,000V	2,000V
	Surface Material	Gold plated over nickel		Silver plated over nickel
	Terminal Style	#20: Crimping, PCB Tail; #16 and #12: Crimping		
	Material	Pin and Socket	Brass or copper	
Crown Spring		Beryllium bronze		

External Sizes and Installation Dimensions (mm)

