

## JMD52 POWER CONNECTOR

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### Type

The Male Connector(with pins): JMD-52Z1

The Female Connector(with sockets): JMD-52T1



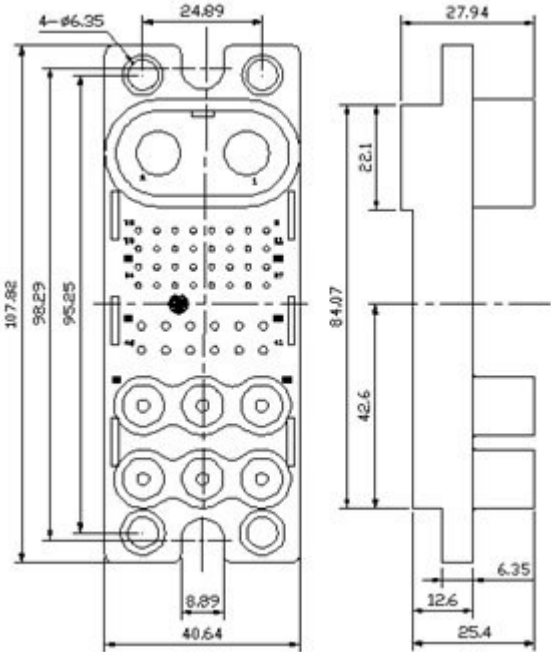
### Operating Environment

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

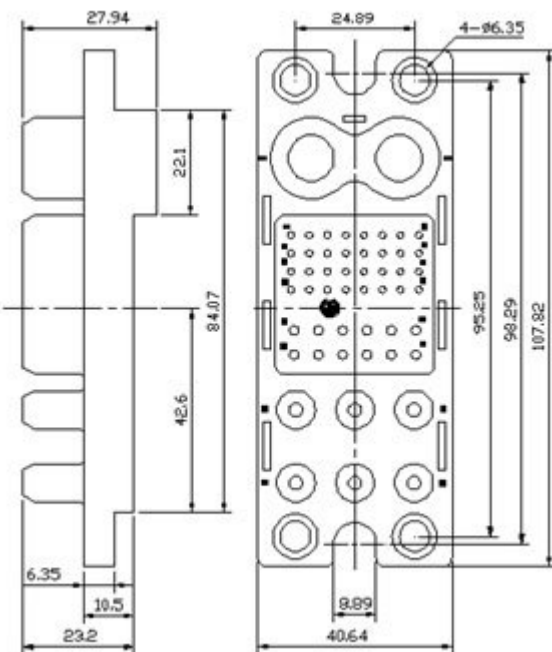
### Main Technical Specifications

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	#0
	Quantity	32	12	6	2
	Rated Current	5A	15A	35A	150A
	Contact Resistance	≤5.0mΩ	≤2.5mΩ	≤1.0mΩ	≤0.32mΩ
	Withstand Voltage	1,000V	1,500V	1,500V	1,500V
	Surface Material	Gold plated over nickel	Silver plated over nickel		
	Terminal Style	#20, #16 and #12: Crimping, PCB Tail, Solder Cup #0: Crimping, Internal Thread, External Thread			
Material	Pin and Socket	Brass or copper			
	Crown Spring	Beryllium bronze			

External Sizes and Installation Dimensions (mm)



JMD-52Z1



JMD-52T1