

技术规格书

Technique Spec

磁保持继电器 ML Relay	型号 Type	文件编号 Document Number	GW718K-JS-01
	GW718K-120A	生效日期 Effective Date	2020-1-1
		版本号 Version Number	A-0

一、基本参数 Contact Specification

外形尺寸 Dimensions (mm)	98.4*40.3*37.8
触点形式 Contact Form	3A/3B
触点材料 Contact Material	银合金 (Silver Alloy)
最大切换电流 Max Switching Current (阻性 Anti-load)	120A
最大切换电压 Max Switching Voltage	250VAC
最大切换功率 Max Switching Power	30000VA
重量 Wight	498g

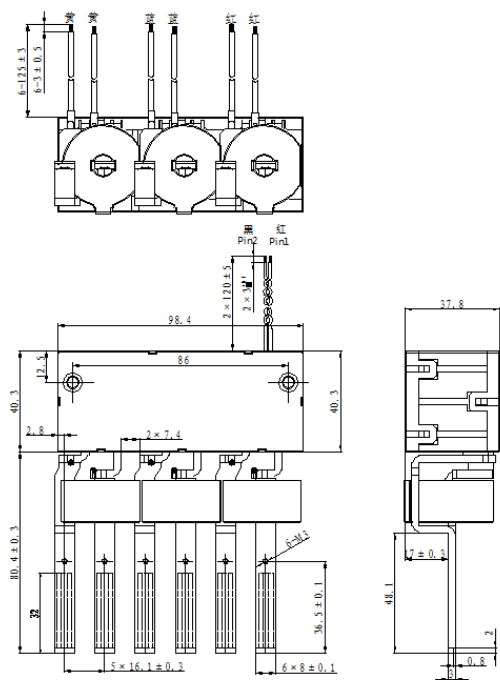
二、线圈参数 Coil Specification (20℃)

线圈额定电压 Rated Coil Voltage		9VDC	12VDC	24VDC	48VDC
线圈电阻 Coil Resistance	单线圈 Single Coil(±10%Ω)	27	48	192	768
	双线圈 Double Coil±10%Ω)	13.5	24	96	384
功率 Power Consumption		单线圈 3.0W; 双线圈 6.0W(特殊功耗特殊订货)			
闭合电压 Pick-up Voltage		≤75%额定值 (Rated Coil Voltage)			
断开电压 Drop-out Voltage		≤75%额定值 (Rated Coil Voltage)			
过载电压 Max. Applicable Voltage		≤120%额定值 (Rated Coil Voltage)			
闭合时间 Pick-up Time (At Rated Voltage)		≤50ms			
断开时间 Drop-out Time (At Rated Voltage)		≤50ms			
回跳时间 Bounce Time		≤2ms			

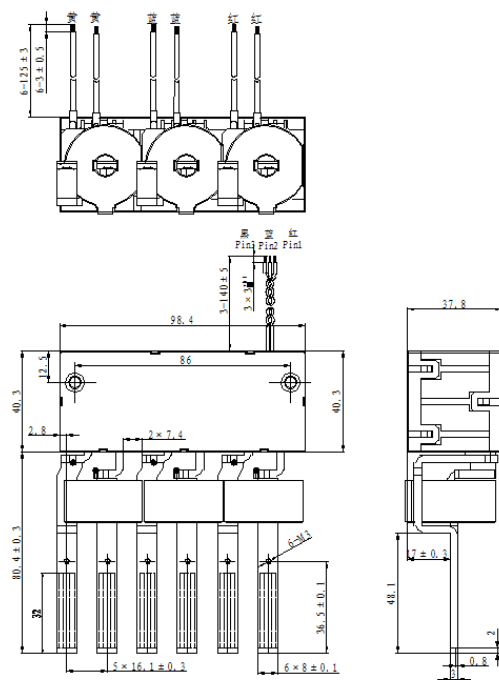
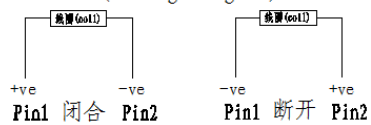
三、特性参数 Characteristics

环境温度 Ambient Temp		-40℃~+85℃
环境湿度 ambient humidity		年平均≤75%
抗振动 Anti-vibration		10~55Hz,1.5mm (Double Amplitude)
抗冲击 Anti-shock		98m/s ² ,11ms
相对湿度 R.H.		5%~85%RH
接触电阻 Contact Resistance		≤2.0mΩMax
绝缘电阻 Insulation Resistance		1000MΩ (500VDC)
介质耐压 Dielectric Strength	触点间 Between Contacts	2000VAC 50/60Hz (1 Minute)
	触点与线圈间 Between Contact & Coil	4000 VAC 50/60Hz (1 Minute)
	触点组间耐压 Between Contacts& Contact	4000 VAC 50/60Hz (1 Minute)
寿命 Life	电气寿命 Electrical Life	≥1 x 10 ⁴ OPS
	机械寿命 Mechanical Life	≥1 x 10 ⁵ OPS

四、外形图 External Diagram 及接线图



接线图
(wiring diagram)



接线图
(wiring diagram)

