

KKA PCB RELAY 115F

- 16A contact load capacity
- Small footprint
- Sealed type available
- Class B/F available
- Size 29mmX12.7mmX15.7mm (长*宽*高)



1. Relay Model 继电器型号 TL115F	3. 触点转换形式 Z: Form C H: Form A D: Form B 4: S: sealed 密封
2. Coil Nominal Voltage 线圈额定电压 5,6,9,12,24,48,60VDC	

COIL DATA 线圈参数 (at 20°C)

Nominal Voltage 额定电压(VDC)	5	6	9	12	18	24	48	60	0.4W
Coil Resistance 线圈阻值 ($\Omega \pm 10\%$)	63	90	203	360	810	1440	5760	9000	
Rated Current 额定电流 (mA)	81	67	45	33	22	17	8	6.7	
Max Operate Voltage 最大吸合电压(VDC)	3.75	4.5	6.75	9	13.5	18	36	45	
Min Release Voltage 最小释放电压(VDC)	0.5	0.6	0.9	1.2	1.8	2.4	4.8	6	
Max Applicable Voltage 最大过载电压	70°C时额定电压的 130% , 23°C时额定电压的 170%								

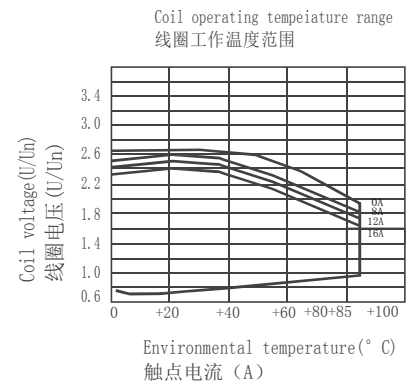
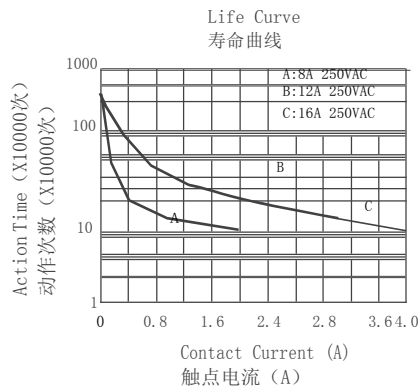
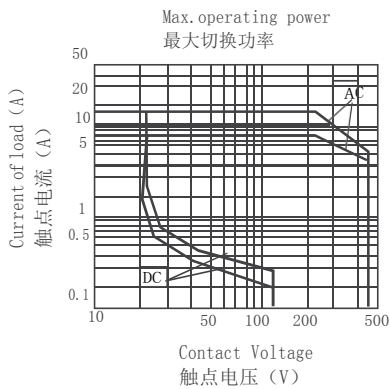
CONTACT DATA 触点参数

Contact Form 触点形式	1H/1B/1C
Contact Material 触点材料	Silver Alloy
Load 负载	Resistive load(COS Φ =1)
Contact Ratings 触点负载(阻性)	阻性16A 250VAC(1组常开、1组转换) 阻性8A 250VAC(2组常开、2组转换)
Minimum load 最小负载	100mA 5VDC
Max Switching Voltage 最大转换电压	250VAC
Max Switching Current 最大转换电流	16A 8A
Max Switching Power 最大转换功率	4000VA/480W
Contact Resistance 接触电阻	100m Ω Max at 6VDC 1A
Life Expectancy 寿命	Electrical 电气寿命 : 100,000 Operations(at30Operations/minute)
	Mechanical 机械寿命 : 10,000,000 Operations(at300Operations/minute)

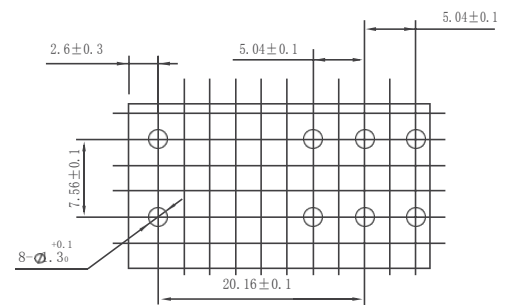
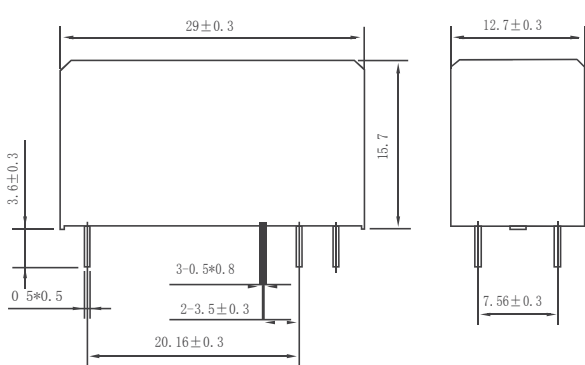
CHARACTERISTICS DATA 性能参数

Insulation Resistance 绝缘阻值	100MΩMin at 500VDC
Dielectric Strength Between Open Contacts 触点间耐压	1000VAC(for one minute)
Between Contacts and coil 触点与线圈间耐压	5000VAC(for one minute)
Operate Time 吸合时间	15ms
Release Time 释放时间	8ms
Temperature Range 环境温度	-40°C to +85°C
Shock Resistance 冲击	Operating Extremes 动作极限 : 10G
	Damage Limits 破坏极限 : 100G
Vibration Resistance 振动	10-55Hz, Double amplitude of 1.5mm
Max. switching frequency 最大转换频率	Mechanical:10,800operations/hr
	Electrical:1,800operations/hr
Humidity 湿度	40-85%
Weight 重量	Approx 13.5g

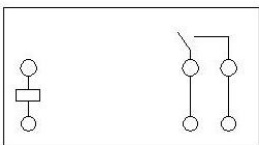
ENGINEERING DATA 设计参数



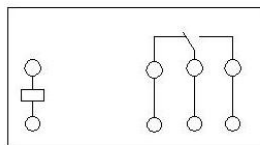
OVERALL AND MOUNTING DIMENSIONS 安装图



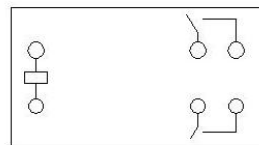
1组常开/form 1H



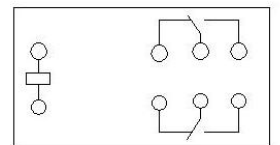
1组转换/form 1Z



2组常开/form 2H



2组转换/form 2Z



备注: 1) 产品部分外形尺寸中未注尺寸公差: 当外形尺寸 $\leq 1\text{mm}$ 时, 公差为 $\pm 0.2\text{mm}$; 当外形尺寸在 $1\sim 5\text{mm}$ 时, 公差为 $\pm 0.3\text{mm}$; 当外形尺寸 $> 5\text{mm}$ 时, 公差为 $\pm 0.4\text{mm}$ 。2) 安装孔尺寸中未注尺寸公差均为 $\pm 0.1\text{mm}$ 。