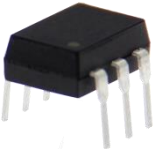




PhotoMOS光MOS继电器 (SMD6/DIP6)

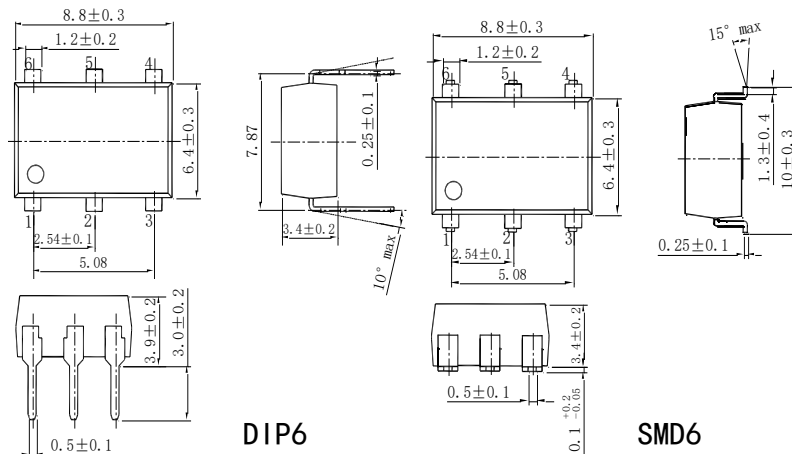
产品图片	Features产品特性	Application应用
 DIP6  SMD6	●Contact Form 触点形式 1a ●Load Voltage 输出电压 40V ●Load Current 输出电流 4.5A ●Low Off-State Leakage Current 漏电流 1μA	●Automatic Test Equipment 自动检测设备 ●Telephone Equipment 通信设备 ●Sensing Equipment 传感设备 ●Security Equipment 安全设备 ●I/O Modules I/O模块 ●Modem 调制解调器

Type种类

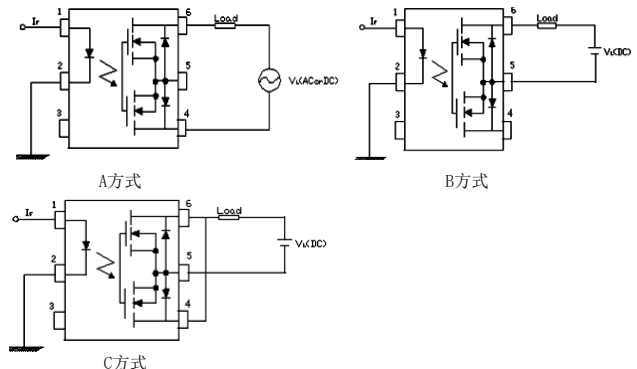
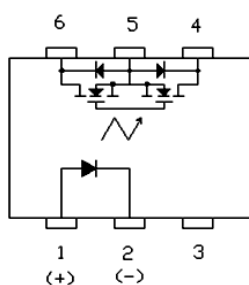
Output rating输出额定		Marking model标 刻型号g	Part No. 订货型号	
Load voltage 负载电压	Load current 负载电流		DIP 双列直插	SMD 表面贴装
40V	4.5A	BCV211G4	BCV211G4	BCV211G4A

注：表示引脚类型的“A”未标刻在产品上，订货依据订货示例型号。

Dimensions外形尺寸



Terminal Identification引脚标识Wiring Diagram 接线图



通讯地址：陕西省西安市国家民用航天产业基地航天中路385号众创广场11层1101.1102.1104室

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电话：(0917)-6293969 18609177833 传 真：(0917)-6293969



PhotoMOS光MOS继电器（SMD6/DIP6）

Technical parameters技术参数（Ambient Temperature 25°C）

I/O Absolute Maximum Ratings输入输出电气参数最大值

Item项目		Symbol符号	Value数值	
Operating Temperature工作温度		T _{OPR}	-40°C~+85°C	
Storage Temperature储存温度		T _{STG}	-40°C~+100°C	
Input输入	Continuous LED Current工作电流	I _F	50mA	
	Peak LED Current LED峰值电流 (f=100Hz, Duty=1%)	I _{FP}	1000mA	
	LED Reverse Voltage反向电压	V _R	5V	
	Input Power Dissipation输入功耗	P _{IN}	75mW	
Output输出	Load Voltage输出电压	V _L	40V (AC peak or DC)	
	Load Current输出电流	I _L	A (AC or DC)	4.5A
			B (DC)	5.0A
			C (DC)	7.0A
	Peak Load Current峰值输出电流 (300 μs, 1 shot)	I _{PEAK}	9.5A	
	Output Power Dissipation输出功耗	P _{OUT}	500mW	
Total Power Dissipation总功耗		P _T	550mW	
I/O Breakdown Voltage输入输出间隔离电压 (RH=10%, 1 min)		V _{I/O}	3750Vrms	

Electrical Specifications输入输出电气参数

Item项目		Symbol符号	MIN.最小值	TYP.典型值	MAX.最大值	Units单位	Conditions条件
Input输入	LED Forward Voltage正向电压	V _F		1.3	1.5	V	I _F =10mA
	Operation LED Current接通电流	I _{F ON}		1.0	3.0	mA	
	Recovery LED Voltage关断电压	V _{F OFF}	0.7			V	
Output输出	On-Resistance导通电阻	R _{ON}		0.033	0.05	Ω	I _F =10mA I _L =Rating within 1sec.
	Off-State Leakage Current漏电流	I _{LEAK}			1.0	μA	V _L =Rating
	Output Capacitance输出端容量	C _{OUT}		690		pF	V _L =0V, f=1MHz
Time parameters时间参数	Turn-On Time接通时间	T _{ON}			5	ms	I _F =10mA I _L =Rating
	Turn-Off Time关断时间	T _{OFF}		0.05	2	ms	
I/O 输入输出	I/O Insulation Resistance绝缘电阻	R _{I/O}	10 ¹⁰			Ω	500VDC
	I/O Capacitance隔离电容	C _{I/O}		1.0	1.5	pF	f=1MHz

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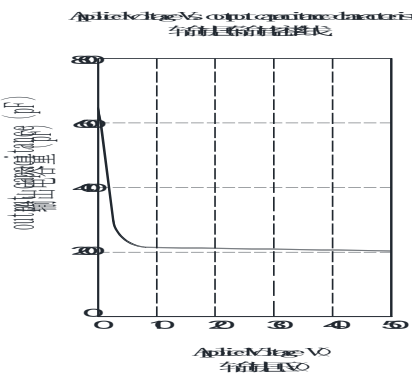
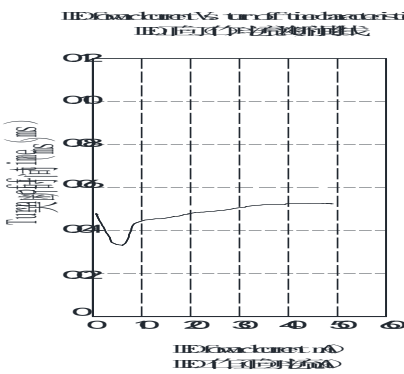
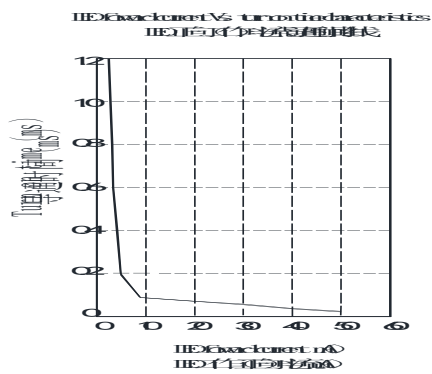
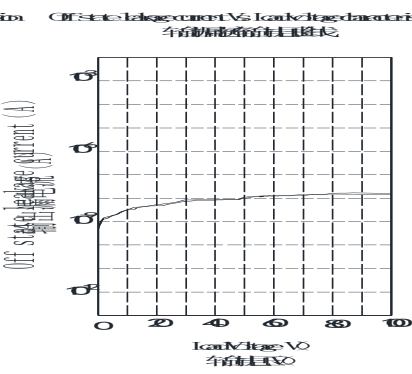
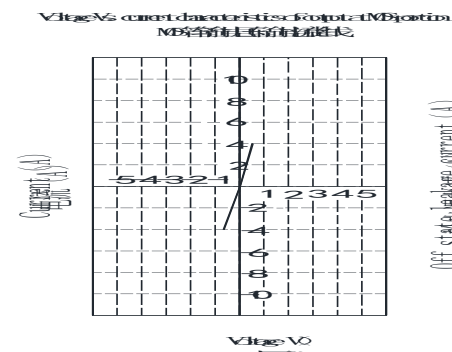
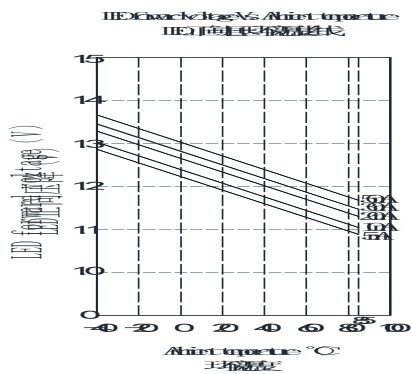
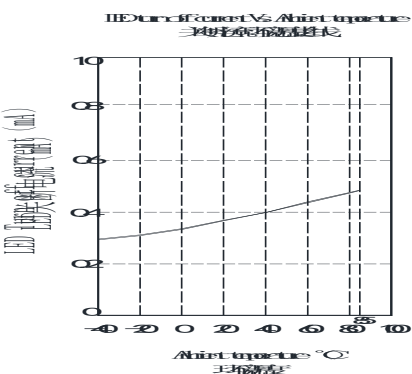
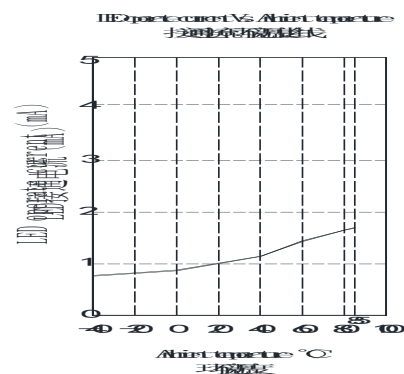
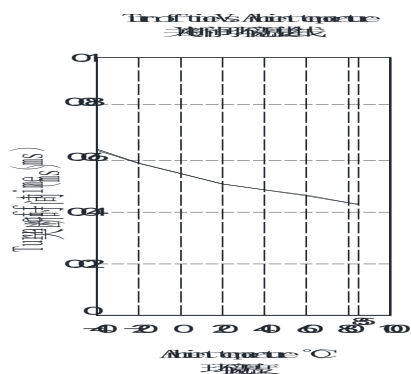
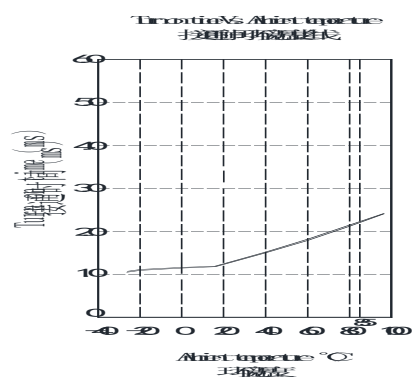
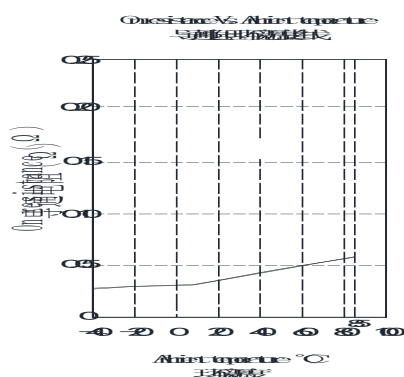
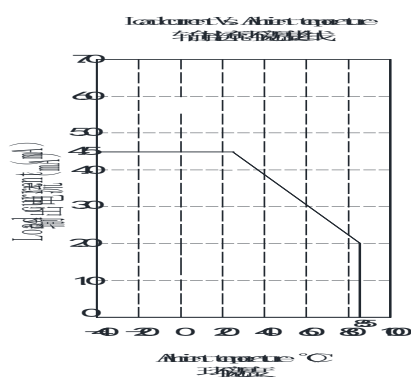
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PhotoMOS光MOS继电器 (SMD6/DIP6)

Reference Data 参考数值 (BCV211G4)



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