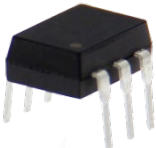




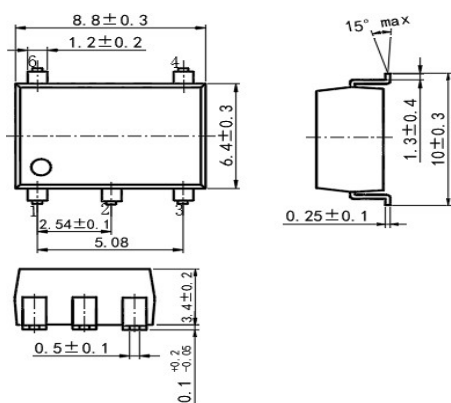
产品图片	Features 产品特性	Application 应用
 DIP5  SMD5	●Contact Form 触点形式 1a ●Load Voltage 输出电压 1700V ●Load Current 输出电流 30mA ●Low Off-State Leakage Current 漏电流 0.1μA	●Automatic Test Equipment 自动检测设备 ●Telephone Equipment 通信设备 ●Sensing Equipment 传感设备 ●Security Equipment 安全设备 ●I/O Modules I/O 模块 ●Modem 调制解调器

Type 种类

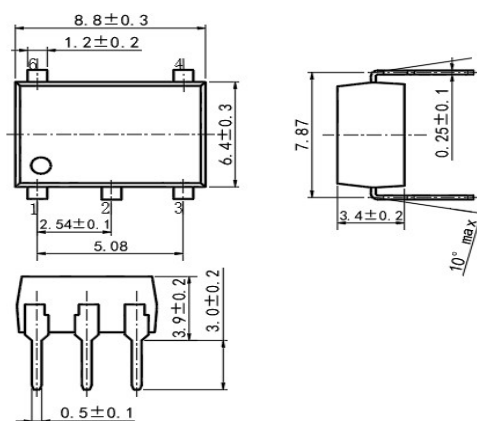
Output rating 输出额定		Marking model 标刻型号	Part No. 订货型号	
Load voltage 负载电压	Load current 负载电流		DIP 双列直插	SMD 表面贴装
1700V	30mA	BCV278	BCV278	BCV278A

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

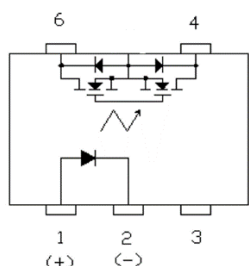


SMD5

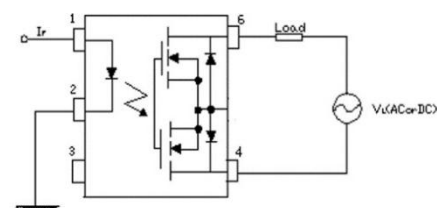


DIP5

Terminal Identification 引脚标识



Wiring Diagram 接线图





PhotoMOS 光 MOS 继电器 (SMD5/DIP5)

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	BCV278
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	1700V(AC peak or DC)
	Load Current 输出电流	I _L	30mA
	Peak Load Current 峰值输出电流 ((100ms, 1 shot)	I _{PEAK}	500mA
	Output Power Dissipation 输出功耗	P _{OUT}	450mW
Total Power Dissipation 总功耗		P _T	500mW
I/O Breakdown Voltage 输入输出间隔离电压		V _{I/O}	3750Vrms
I/O Breakdown Voltage 输入输出间隔离电压 (加注 H)		V _{I/O}	5000Vrms

Electrical Specifications 输入输出电气参数

Item 项目			Symbol 符号	BCV278	Conditions 条件
Input 输入	LED Forward Voltage 正向电压	TYP. 典型值	V _F	1.3V	I _F =10mA
		MAX. 最大值		1.5V	
	Operation LED Current 接通电流	TYP. 典型值	I _{F ON}	2mA	
		MAX. 最大值		5mA	
Output 输出	Recovery LED Voltage 关断电压	MIN. 最小值	V _{F OFF}	0.7V	
	On-Resistance 导通电阻	TYP. 典型值	R _{ON}	200Ω	I _F =10mA, I _L =Rating, within 1 sec.
		MAX. 最大值		260Ω	
	Off-State Leakage Current 漏电流	MAX. 最大值	I _{LEAK}	0.1μA	V _L =Rating
Timeparameters 时间参数	Turn-On Time 接通时间	TYP. 典型值	T _{ON}	0.15ms	I _F =10mA, I _L =Rating
		MAX. 最大值		1ms	
	Turn-Off Time 关断时间	TYP. 典型值	T _{OFF}	0.05ms	
		MAX. 最大值		0.1ms	
I/O 输入输出	I/O Insulation Resistance 绝缘电阻	MIN. 最小值	R _{I/O}	1000MΩ	DC500V
	I/O Capacitance 隔离电容	TYP. 典型值	C _{I/O}	0.8pF	f=1MHz
		MAX. 最大值		1.5pF	

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

生产地址: 陕西省宝鸡市陈仓区群力路1号 邮政编码: 721300

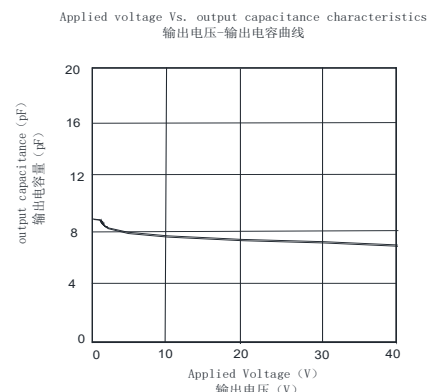
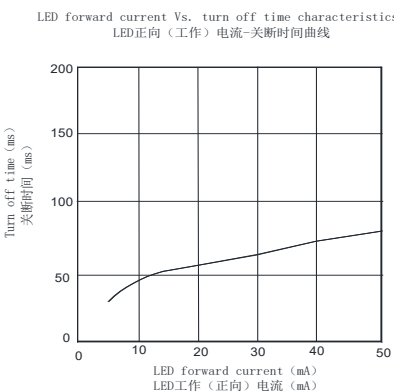
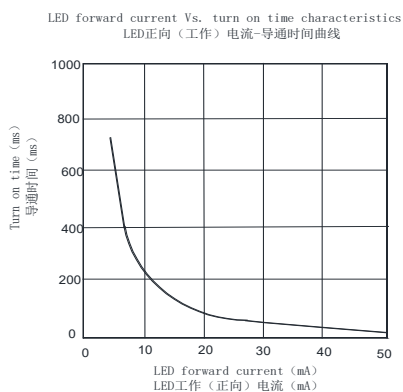
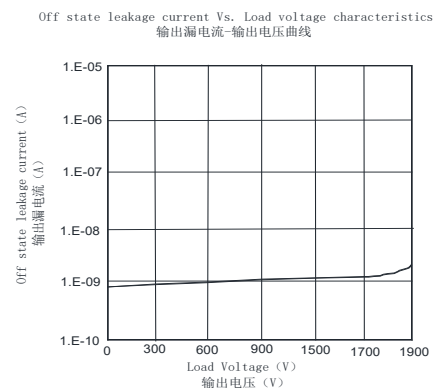
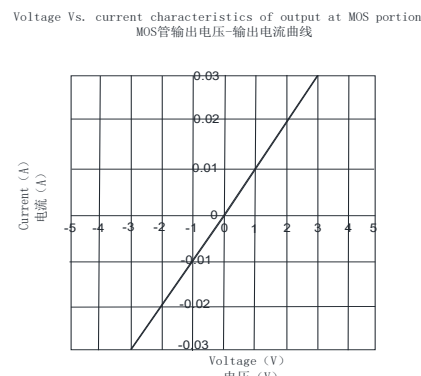
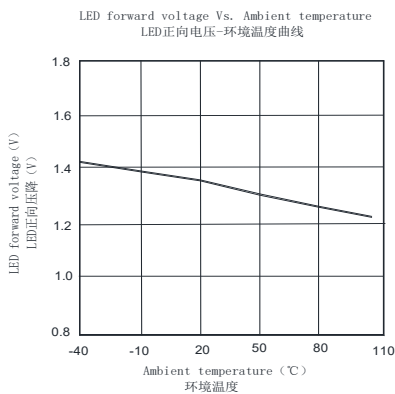
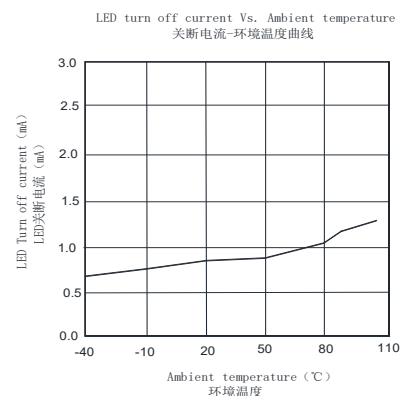
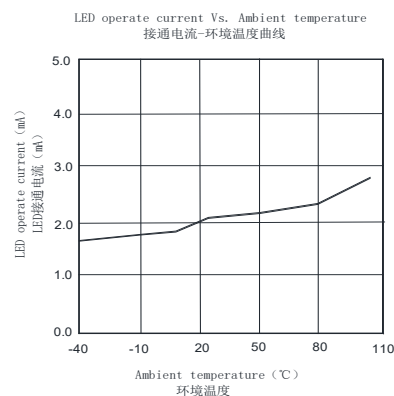
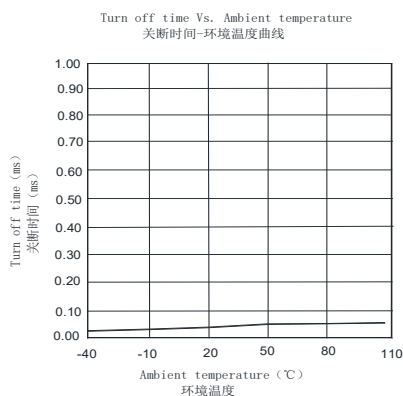
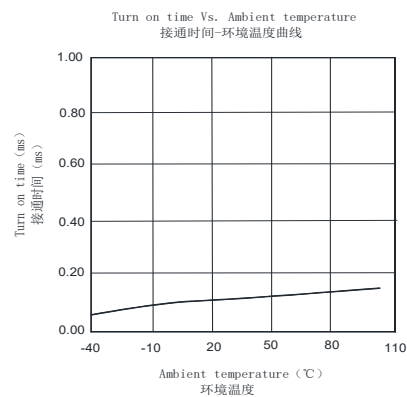
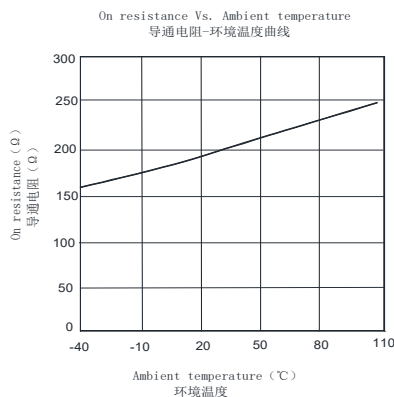
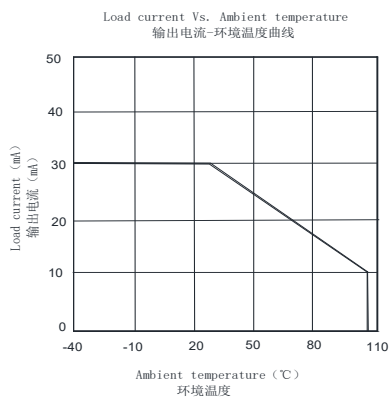
电话: (0917)-6293969 18609177833

传 真: (0917)-6293969



PhotoMOS 光 MOS 继电器 (SMD5/DIP5)

Reference Data 参考数值 (BCV278)



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

生产地址: 陕西省宝鸡市陈仓区群力路1号 邮政编码: 721300

电话: (0917)-6293969 18609177833

传 真: (0917)-6293969