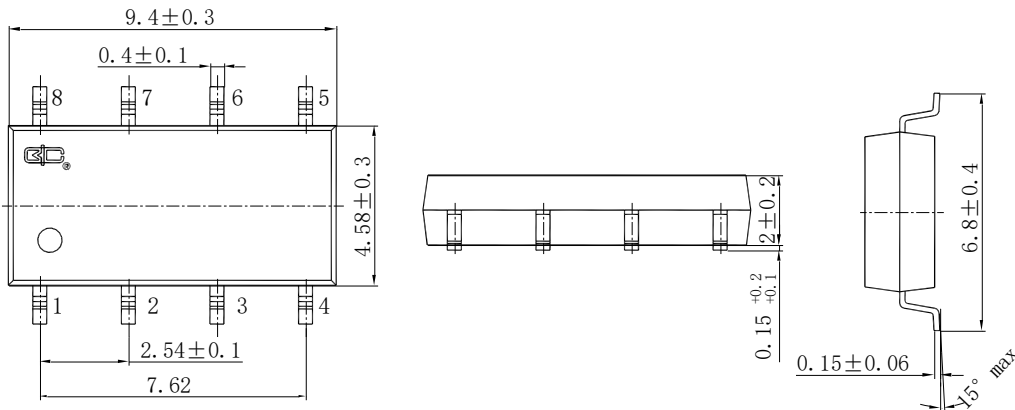


产品图片	Features 产品特性	Application 应用
<p>SOP8</p>	<ul style="list-style-type: none"> ●Contact Form 触点形式 2a ●Load Voltage 输出电压 200V ●Load Current 输出电流 0.18A ●Low Off-State Leakage Current 漏电流 1μA 	<ul style="list-style-type: none"> ●Automatic Test Equipment 自动检测设备 ●Telephone Equipment 通信设备 ●Sensing Equipment 传感设备 ●Security Equipment 安全设备 ●I/O Modules I/O 模块 ●Modem 调制解调器

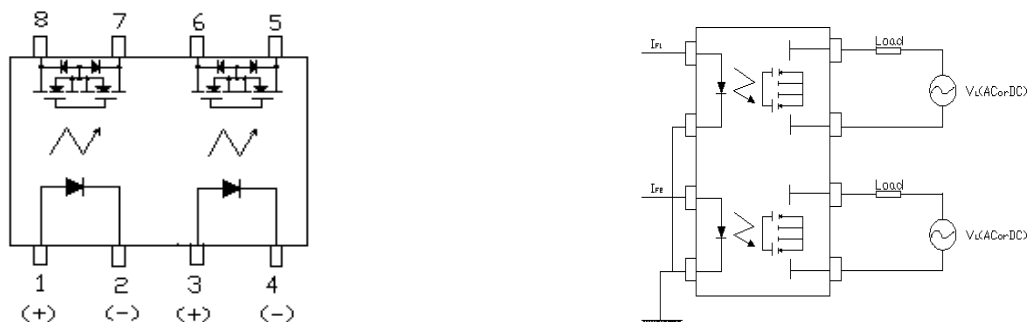
Type 种类

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		
200V	0.18A	BCW217S	BCW217S

Dimensions 外形尺寸



Terminal Identification 引脚标识 Wiring Diagram 接线图





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

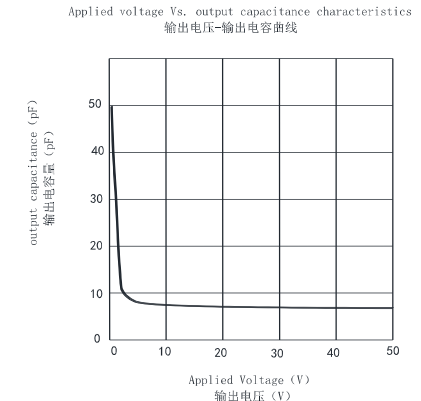
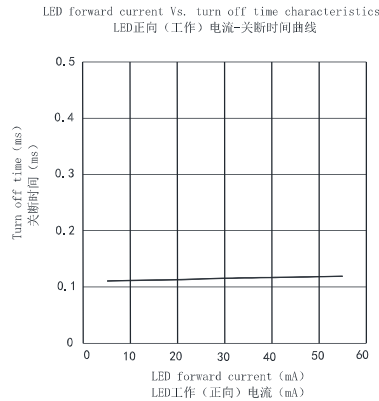
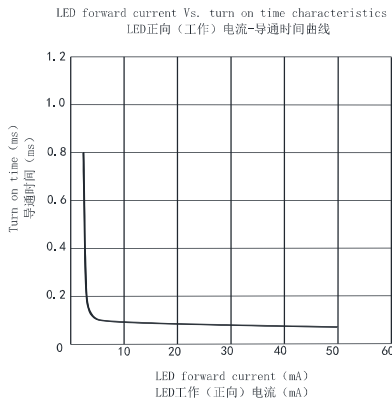
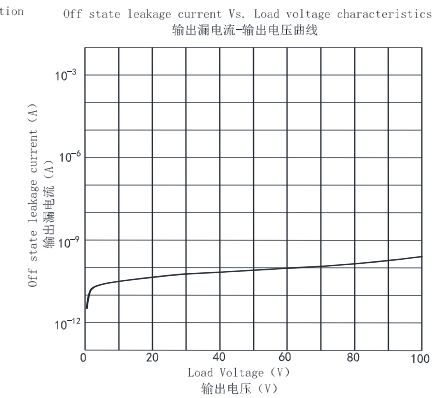
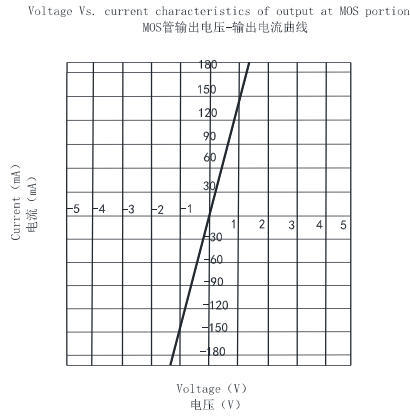
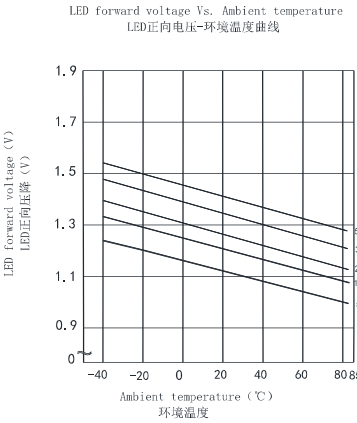
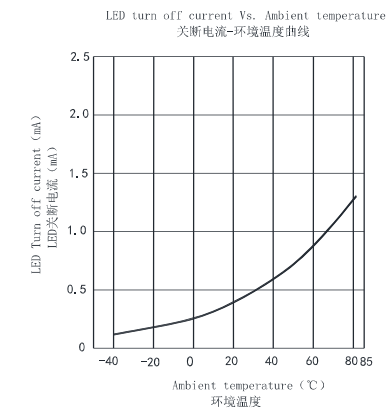
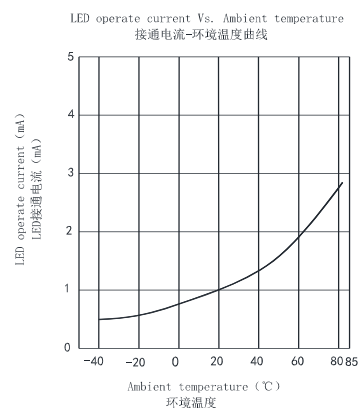
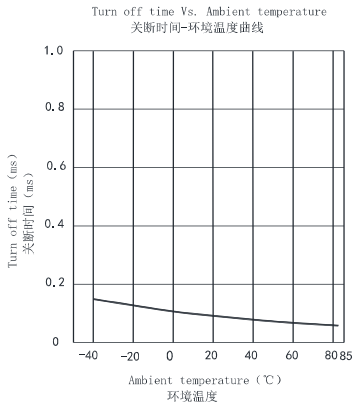
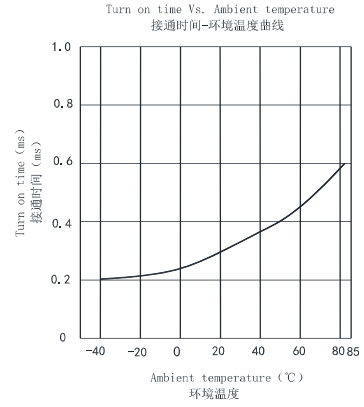
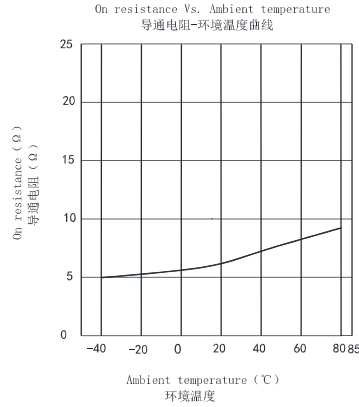
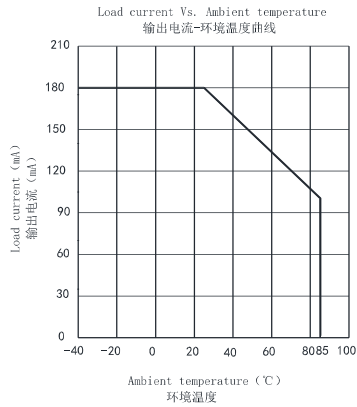
Item 项目		Symbol 符号	BCW217S	
Operating Temperature 工作温度		T _{OPR}	-40°C~+85°C	
Storage Temperature 储存温度		T _{STG}	-40°C~+100°C	
Input 输入	Continuous LED Current 工作电流	MAX. 最大值	I _F	50mA
	Peak LED Current LED 峰值电流 (f=100Hz, Duty=1%)	MAX. 最大值	I _{FP}	1A
	LED Reverse Voltage 反向电压	MAX. 最大值	V _R	5V
	Input Power Dissipation 输入功耗	MAX. 最大值	P _{IN}	100mW
Output 输出	Load Voltage 输出电压	MAX. 最大值	V _L	200V (AC peak or DC)
	Load Current 输出电流	MAX. 最大值	I _L	0.18A
	Peak Load Current 峰值输出电流 (100ms, 1shot)	MAX. 最大值	I _{PEAK}	0.6A
	Output Power Dissipation 输出功耗	MAX. 最大值	P _{OUT}	500mW
Total Power Dissipation 总功耗		MAX. 最大值	P _T	550mW
I/O Breakdown Voltage 输入输出间隔离电压		MAX. 最大值	V _{I/O}	1500Vrms

Electrical Specifications 输入输出电气参数

Item 项目		Symbol 符号	BCW217S	Conditions 条件	
Input 输入	LED Forward Voltage 正向电压	TYP. 典型值	1.2V	I _F =10mA	
		MAX. 最大值	1.5V		
	Operation LED Current 接通电流	TYP. 典型值		3mA	
		MAX. 最大值			
Recovery LED Voltage 关断电压	MIN. 最小值	V _{F OFF}	200V		
Output 输出	On-Resistance 导通电阻	TYP. 典型值	6Ω	I _F =5mA, I _L =100mA, within 1sec.	
		MAX. 最大值	15Ω		
	Off-State Leakage Current 漏电流	MAX. 最大值	I _{LEAK}	1μA	V _L =Rating
Output Capacitance 输出端容量	TYP. 典型值	C _{OUT}	6pF	V _L =0V, f=1MHz	
Timeparameters 时间参数	Turn-On Time 接通时间	TYP. 典型值	0.3ms	I _F =5mA, I _L =100mA	
		MAX. 最大值	1.0ms		
	Turn-Off Time 关断时间	TYP. 典型值	0.1ms		
		MAX. 最大值	1.0ms		
I/O 输入输出	I/O Insulation Resistance 绝缘电阻	MIN. 最小值	R _{I/O}	10 ¹⁰ Ω	DC500V
	I/O Capacitance 隔离电容	TYP. 典型值	C _{I/O}	0.8pF	f=1MHz



Reference Data 参考数值 (BCW217S)



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