

用途：LED 照明、充电器和一体化节能灯等整流电路中。

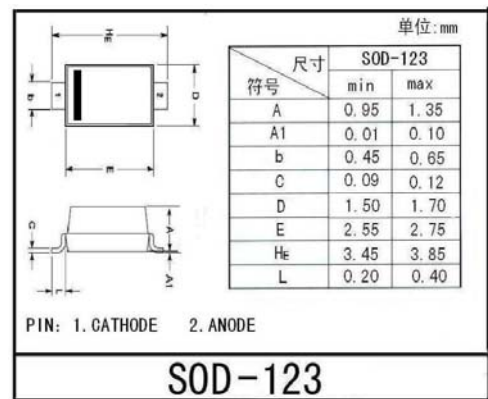
Purpose: LED lighting, chargers and integrated energy-saving lamps and other rectifier circuit.

特点：平面工艺，高温漏电电流极小，可靠性较高。

Features: Planar technology, high temperature leakage current is very small, and high reliability.

极限参数/Absolute maximum ratings( $T_a=25^\circ\text{C}$ )

参数符号 Symbol	数值 Rating		单位 Unit
	2CZ4004	2CZ4005	
$V_{RRM}$ $V_{DC}$	400	600	V
$I_{F(AV)}$	1		A
$I_{FM}$	2		A
$I_{FSM}$	7.5		A
$P_D$	500		mW
$R_{\theta JA}$	250		$^\circ\text{C}/\text{W}$
$T_j, T_{STG}$	-55 TO +150		$^\circ\text{C}$



电性能参数/Electrical characteristics( $T_a=25^\circ\text{C}$ )

参数符号 Symbol	测试条件 Test condition	数值 Rating		单位 Unit
		Min	Max	
$V_{(BR)}$	$I_R=1\text{mA}$	2CZ4004 400	2CZ4005 600	V
$I_R$	$V_R=V_{RRM}, T_a=25^\circ\text{C}$		0.5	$\mu\text{A}$
	$V_R=V_{RRM}, T_a=125^\circ\text{C}$		2	
$V_F$	$I_F=0.5\text{A}$		1.2	V
$C_{tot}$	$V_R=4\text{V}, f=1\text{MHz}$		10	pF

印章/markings:

2CZ4004	2CZ4005
HZ4	HZ5

