



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SLG 系列
SERIES

SWZ/SW 系列
SERIES

◆ 特 长 / FEATURES

- SLG : 超薄型品 / Ultra Low Profile
- SW : 高容量、低ESR品 / High Capacitance, Low ESR
- SWZ : 高容量、超低ESR品 / High Capacitance, Ultra Low ESR

- RoHS对应品 / RoHS Compliance
- 可以进行无铅回流焊接 (260°C、10秒) : (对应MSL3)
Lead free reflow soldering is available (260°C, 10sec) : (Available for MSL3)



◆ 规格表 / SPECIFICATIONS

系列名称 Series	SLG	SWZ	SW	
	1.1mm	1.9mm	2.7mm	2.9mm
工作温度范围 Category Temperature Range(°C)	-55 ~ +105°C			
额定电压范围 Rated Voltage Range(V.DC)	2~6.3	2~10	2~8	2~6.3
静电容量范围 Capacitance Range(μF)	47~220	47~330	68~220	120~470
静电容量允许差 Capacitance Tolerance(20°C, 120Hz)	±20%			
漏电流(施加额定电压5分钟后) Leakage Current(μA/after 5 minutes)	≤0.04CV			
损失角正切值(tan δ) Dissipation Factor(20°C, 120Hz)	≤0.1			
等效串联电阻(ESR) Equivalent Series Resistance(ESR) (mΩ/20°C, 100kHz)	9~15	4.5~25	9~18	9
最大允许纹波电流 Maximum Allowable Ripple Current(mA r.m.s/100kHz)	2,100~2,700	1,800~3,500	2,500~3,500	
突波电压 Surge Voltage	额定电压的1.25倍 Rated voltage X1.25			
耐久性 (105°C、2000小时、施加额定电压) Endurance (105°C, 2000hrs, Rated Voltage applied)	ΔC	初期值的±20%以内 Within ±20% of the initial value		
	tan δ	初期规格值的200%以下 ≤200% of initial specified value		
	LC	初期规格值以下 ≤initial specified value		
高温高湿(固定) (60°C, 90%RH, 无负荷500小时) Damp heat(Steady state) (60°C, 90%RH, 500hrs, No-applied voltage)	ΔC	初期值的-20%~+60%以内 Within -20%~+60% of the initial value	初期值的-20%~+40%以内 Within -20%~+40% of the initial value	
	tan δ	初期规格值的200%以下 ≤200% of initial specified value		
	LC	初期规格值的300%以下 ≤300% of initial specified value		

作为模拟数据在我司网站提供了PC-CON SPICE模型(netlist)。在各种电路设计时会有用。

Our website offers the SPICE model (netlist) of PC-CON as the data for simulations. Please make use of various circuit design.

有关车载对应、请另外询问。

For automotive use (AEC-Q200), please inquire our sales offices.

◆ 产品一览表 / ITEM

系列 Series	额定电压 (V.DC)	静电容量 Cap(μF)	尺寸 Size(mm)			ESR (mΩ)	额定 纹波电流 (mAr.m.s)	编号 Part No.
			L	W	H			
SLG	2 (d)	100	7.3	4.3	1.1	9	2,700	2SLG100M
		150	7.3	4.3	1.1	9	2,700	2SLG150M
		180	7.3	4.3	1.1	9	2,700	2SLG180M
		220	7.3	4.3	1.1	9	2,700	2SLG220M
	2.5 (e)	100	7.3	4.3	1.1	9	2,700	2.5SLG100M
		150	7.3	4.3	1.1	9	2,700	2.5SLG150M
		180	7.3	4.3	1.1	9	2,700	2.5SLG180M
4(g)	68	7.3	4.3	1.1	15	2,100	4SLG68M	
6.3(j)	47	7.3	4.3	1.1	15	2,100	6SLG47M	
SWZ	2 (d)	270	7.3	4.3	1.9	9	3,000	2SWZ270M R09
		270	7.3	4.3	1.9	6	3,500	2SWZ270M R06
		330	7.3	4.3	1.9	15	2,700	2SWZ330M R15
		330	7.3	4.3	1.9	9	3,000	2SWZ330M R09
		330	7.3	4.3	1.9	6	3,500	2SWZ330M R06
		330	7.3	4.3	1.9	4.5	3,500	2SWZ330M R05
	2.5 (e)	220	7.3	4.3	1.9	9	3,000	2.5SWZ220M R09
		220	7.3	4.3	1.9	6	3,500	2.5SWZ220M R06
		270	7.3	4.3	1.9	9	3,000	2.5SWZ270M R09
		270	7.3	4.3	1.9	6	3,500	2.5SWZ270M R06
		330	7.3	4.3	1.9	15	2,700	2.5SWZ330MR15
		330	7.3	4.3	1.9	9	3,000	2.5SWZ330MR09
		330	7.3	4.3	1.9	6	3,500	2.5SWZ330MR06
		4 (g)	180	7.3	4.3	1.9	9	3,000
	6.3 (j)	220	7.3	4.3	1.9	9	3,000	4SWZ220M R09
		120	7.3	4.3	1.9	9	3,000	6SWZ120M R09
		150	7.3	4.3	1.9	15	2,700	6SWZ150M R15
		150	7.3	4.3	1.9	9	3,000	6SWZ150M R09
	10 (A)	47	7.3	4.3	1.9	25	1,800	10SWZ47MR25
	SW	2 (d)	220	7.3	4.3	2.7	9	3,500
270			7.3	4.3	2.9	9	3,500	2SW270M
330			7.3	4.3	2.9	9	3,500	2SW330M
390			7.3	4.3	2.9	9	3,500	2SW390M
470			7.3	4.3	2.9	9	3,500	2SW470M
2.5 (e)		180	7.3	4.3	2.7	9	3,500	2.5SW180M
		220	7.3	4.3	2.9	9	3,500	2.5SW220M
		270	7.3	4.3	2.9	9	3,500	2.5SW270M
		330	7.3	4.3	2.9	9	3,500	2.5SW330M
		390	7.3	4.3	2.9	9	3,500	2.5SW390M
4 (g)		150	7.3	4.3	2.7	9	3,500	4SW150M
		180	7.3	4.3	2.9	9	3,500	4SW180M
		220	7.3	4.3	2.9	9	3,500	4SW220M
		270	7.3	4.3	2.9	9	3,500	4SW270M
		330	7.3	4.3	2.9	9	3,500	4SW330M
6.3 (j)		100	7.3	4.3	2.7	9	3,500	6SW100M
		120	7.3	4.3	2.9	9	3,500	6SW120M
		150	7.3	4.3	2.9	9	3,500	6SW150M
		180	7.3	4.3	2.9	9	3,500	6SW180M
		220	7.3	4.3	2.9	9	3,500	6SW220M
8 (k)	68	7.3	4.3	2.7	18	2,500	8SW68M	
	100	7.3	4.3	2.7	18	2,500	8SW100M	