

EMI Suppression Capacitors Class X2 (GS-L 275VAC/310VAC)

● 特點

- 良好的自愈性
- 塑料外殼 (UL94V-0) , 環氧樹脂密封
- 符合 UL、ENEC、CQC、KTL 安規電容

● 結構

- 電介質：金屬化聚丙烯薄膜
- 捲繞：無感式
- 導線：鍍錫銅包鋼線
- 外層：阻燃塑料殼，環氧樹脂填充

● 應用

- 干擾抑制
- EMI 濾波器

● 電器特性

引用標準	UL 60384-14 , IEC 60384-14 , GB/T 6346.14-2015
氣候類別 / 阻燃等級	40 / 110 / 56 B
額定電壓	275VAC / 310VAC
額定溫度	110°C
工作溫度範圍	- 40°C ~ +110°C
容量範圍	0.001 μ F ~ 10 μ F
電容容差	K : $\pm 10\%$ · M : $\pm 20\%$
損耗角正切	0.1% or less. At 1Khz, 20 \pm 5°C
絕緣電阻	端與端之間 $\geq 15000M \Omega$ at DC 100V ($C \leq 0.33 \mu F$) $\geq 5000M \Omega \times \mu F$ at DC 100V ($C > 0.33 \mu F$)
	端與殼之間 $\geq 30000M \Omega$ at DC 100V $\geq 500M \Omega$ at DC 500V
耐壓	施加 4.3 倍額定直流電壓測試 60 秒

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● 產品安規認證

標誌	認證國家	應用標準	證書編號	規格範圍
	美國	UL 60384-14	E186321	275/310 VAC 0.001 μF ~10 μF
	歐盟	IEC 60384-14	ENEC16/FI/19/10083	275/310 VAC 0.001 μF ~2.2 μF
	中國	GB/T 6346.14	CQC03001004280 CQC10001047575	275/310 VAC 0.001 μF ~3.3 μF
	韓國	K60384-14	SU03037-8001A SU03037-8002A SU03037-8003A SU03037-8004A	275/310 VAC 0.001 μF ~2.2 μF

● 產品編碼

GSL	104	K	0310	A	D02	S	R
PART-1	PART-2	PART-3	PART-4	PART-5	PART-6	PART-7	PART-8

PART-1 : 系列代號 GS-L (X2)

PART-2 : 額定電容值(0.001F~10.0F / 102~106)

PART-3 : 電容容差 K : ± 10% · M : ± 20%

PART-4 : 額定電壓 0275=275VAC 0310=310VAC

PART-5 : 電壓單位 A=VAC D=VDC

PART-6 : 內部外殼編號

PART-7 : 引腳成型編號

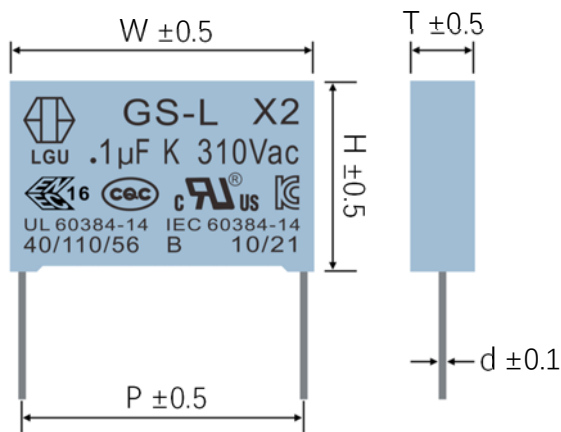
PART-8 : 內部特徵碼 : R=環保代碼、H=無鹵代碼

O=其他特殊要求、T= THB 雙 85 代碼

代碼	腳型
S	直腳
C	短腳
F	K 腳
B	90 度成型

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● 產品尺寸



CAP (μ F)	Dimensions (Max)			P	d	PART NUMBER
	W	H	T			
0.022	13	11	5	10	0.6	GSL223K0310AC02SR
0.022	13	12	6	10	0.6	GSL223K0310AC03SR
0.022	18	11	5	15	0.6	GSL223K0310AD01SR
0.027	13	11	5	10	0.6	GSL273K0310AC02SR
0.027	13	12	6	10	0.6	GSL273K0310AC03SR
0.027	18	11	5	15	0.6	GSL273K0310AD01SR
0.033	13	11	5	10	0.6	GSL333K0310AC02SR
0.033	13	12	6	10	0.6	GSL333K0310AC03SR
0.033	18	11	5	15	0.6	GSL333K0310AD01SR
0.039	13	11	5	10	0.6	GSL393K0310AC02SR
0.039	13	12	6	10	0.6	GSL393K0310AC03SR
0.039	18	11	5	15	0.6	GSL393K0310AD01SR
0.047	13	11	5	10	0.6	GSL473K0310AC02SR
0.047	13	12	6	10	0.6	GSL473K0310AC03SR
0.047	18	11	5	15	0.6	GSL473K0310AD01SR
0.056	13	11	5	10	0.6	GSL563K0310AC02SR
0.056	13	12	6	10	0.6	GSL563K0310AC03SR
0.056	18	11	5	15	0.6	GSL563K0310AD01SR
0.068	13	11	5	10	0.6	GSL683K0310AC02SR
0.068	13	12	6	10	0.6	GSL683K0310AC03SR
0.068	18	11	5	15	0.6	GSL683K0310AD01SR
0.082	13	12	6	10	0.6	GSL823K0310AC03SR
0.082	18	12	5	15	0.6	GSL823K0310AD01SR
0.082	18	12	6	15	0.6	GSL823K0310AD02SR
0.1	13	12	6	10	0.6	GSL104K0310AC03SR
0.1	18	12	5	15	0.6	GSL104K0310AD01SR
0.1	18	12	6	15	0.8	GSL104K0310AD02SR
0.12	13	12	6	10	0.6	GSL124K0310AC03SR
0.12	18	12	6	15	0.6	GSL124K0310AD02SR
0.12	18	13.5	7.5	15	0.8	GSL124K0310AD21SR
0.15	13	12	6	10	0.6	GSL154K0310AC03SR
0.15	18	12	6	15	0.6	GSL154K0310AD02SR
0.15	18	13.5	7.5	15	0.8	GSL154K0310AD21SR
0.15	26.5	15	6	22.5	0.8	GSL154K0310AE01SR
0.15	26.5	16	7	22.5	0.8	GSL154K0310AE02SR
0.18	13	13.5	8	10	0.6	GSL184K0310AC51SR
0.18	18	13.5	7.5	15	0.8	GSL184K0310AD03SR
0.18	18	14.5	8.5	15	0.8	GSL184K0310AD04SR
0.18	26.5	15	6	22.5	0.8	GSL184K0310AE01SR
0.18	26.5	16	7	22.5	0.8	GSL184K0310AE02SR

275Vac / 310Vac (560Vdc / 630Vdc)						
CAP (μ F)	Dimensions (Max)			P	d	PART NUMBER
	W	H	T			
0.001	13	9	4	10	0.6	GSL102K0310AC01SR
0.001	13	11	5	10	0.6	GSL102K0310AC02SR
0.0015	13	9	4	10	0.6	GSL152K0310AC01SR
0.0015	13	11	5	10	0.6	GSL152K0310AC02SR
0.0022	13	9	4	10	0.6	GSL222K0310AC01SR
0.0022	13	11	5	10	0.6	GSL222K0310AC02SR
0.0033	13	9	4	10	0.6	GSL332K0310AC01SR
0.0033	13	11	5	10	0.6	GSL332K0310AC02SR
0.0047	13	9	4	10	0.6	GSL472K0310AC01SR
0.0047	13	11	5	10	0.6	GSL472K0310AC02SR
0.0056	13	9	4	10	0.6	GSL562K0310AC01SR
0.0056	13	11	5	10	0.6	GSL562K0310AC02SR
0.0068	13	9	4	10	0.6	GSL682K0310AC01SR
0.0068	13	11	5	10	0.6	GSL682K0310AC02SR
0.0082	13	9	4	10	0.6	GSL822K0310AC01SR
0.0082	13	11	5	10	0.6	GSL822K0310AC02SR
0.01	13	11	5	10	0.6	GSL103K0310AC02SR
0.01	13	12	6	10	0.6	GSL103K0310AC03SR
0.01	18	11	5	15	0.6	GSL103K0310AD01SR
0.012	13	11	5	10	0.6	GSL123K0310AC02SR
0.012	13	12	6	10	0.6	GSL123K0310AC03SR
0.012	18	11	5	15	0.6	GSL123K0310AD01SR
0.015	13	11	5	10	0.6	GSL153K0310AC02SR
0.015	13	12	6	10	0.6	GSL153K0310AC03SR
0.015	18	11	5	15	0.6	GSL153K0310AD01SR
0.018	13	11	5	10	0.6	GSL183K0310AC02SR
0.018	13	12	6	10	0.6	GSL183K0310AC03SR
0.018	18	11	5	15	0.6	GSL183K0310AD01SR

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CAP (μ F)	Dimensions (Max)			P	d	PART NUMBER
	W	H	T			
0.22	13	13.5	8	10	0.6	GSL224M0310AC51SR
0.22	13	16	8	10	0.6	GSL224K0310AC05SR
0.22	18	13.5	7.5	15	0.8	GSL224K0310AD03SR
0.22	18	14.5	8.5	15	0.8	GSL224K0310AD04SR
0.22	26.5	15	6	22.5	0.8	GSL224K0310AE01SR
0.22	26.5	16	7	22.5	0.8	GSL224K0310AE02SR
0.27	13	16	8	10	0.6	GSL274K0310AC05SR
0.27	18	13.5	7.5	15	0.8	GSL274K0310AD03SR
0.27	18	14.5	8.5	15	0.8	GSL274K0310AD04SR
0.27	26.5	15	6	22.5	0.8	GSL274K0310AE01SR
0.27	26.5	16	7	22.5	0.8	GSL274K0310AE02SR
0.33	13	16	8	10	0.6	GSL334K0310AC05SR
0.33	18	13.5	7.5	15	0.8	GSL334K0310AD03SR
0.33	18	14.5	8.5	15	0.8	GSL334K0310AD04SR
0.33	18	17.5	6	15	0.8	GSL334K0310AD48SR
0.33	26.5	16	6	22.5	0.8	GSL334K0310AE01SR
0.33	26.5	16	7	22.5	0.8	GSL334K0310AE02SR
0.33	26.5	17	8.5	22.5	0.8	GSL334K0310AE03SR
0.47	18	14.5	8.5	15	0.8	GSL474M0310AD04SR
0.47	18	17.5	6	15	0.8	GSL474K0310AD48SR
0.47	18	18	7.5	15	0.8	GSL474K0310AD50SR
0.47	18	15.5	9.5	15	0.8	GSL474K0310AD05SR
0.47	18	16	10	15	0.8	GSL474K0310AD06SR
0.47	18	19	10.5	15	0.8	GSL474K0310AD07SR
0.47	26.5	16	7	22.5	0.8	GSL474K0310AE02SR
0.47	26.5	17	8.5	22.5	0.8	GSL474K0310AE03SR
0.47	26.5	19	10	22.5	0.8	GSL474K0310AE04SR
0.47	32	19.5	10.5	27.5	0.8	GSL474K0310AF01SR
0.56	18	16	10	15	0.8	GSL564K0310AD06SR
0.56	18	19	10.5	15	0.8	GSL564K0310AD07SR
0.56	26.5	16.5	7	22.5	0.8	GSL564K0310AE02SR
0.56	26.5	17	8.5	22.5	0.8	GSL564K0310AE03SR
0.56	26.5	19	10	22.5	0.8	GSL564K0310AE04SR
0.56	32	19.5	10.5	27.5	0.8	GSL564K0310AF01SR
0.68	18	16	10	15	0.8	GSL684K0310AD06SR
0.68	18	17.5	7.5	15	0.8	GSL684K0310AD50SR
0.68	18	19	10.5	15	0.8	GSL684K0310AD07SR
0.68	26.5	17	8.5	22.5	0.8	GSL684K0310AE03SR
0.68	26.5	19	10	22.5	0.8	GSL684K0310AE04SR
0.68	32	18	9	27.5	0.8	GSL684K0310AF05SR
0.68	32	19.5	10.5	27.5	0.8	GSL684K0310AF01SR
0.82	18	19	10.5	15	0.8	GSL824K0310AD07SR
0.68	32	19.5	10.5	27.5	0.8	GSL684K0310AF01SR
0.82	18	19	10.5	15	0.8	GSL824K0310AD07SR
0.82	26.5	19	10	22.5	0.8	GSL824K0310AE04SR
0.82	32	19.5	10.5	27.5	0.8	GSL824K0310AF01SR
0.82	32	22	11	27.5	0.8	GSL824K0310AF11SR
0.82	32	22	13	27.5	0.8	GSL824K0310AF23SR

CAP (μ F)	Dimensions (Max)			P	d	PART NUMBER
	W	H	T			
1.0	18	19	10.5	15	0.8	GSL824K0310AD07SR
1.0	26.5	17	8.5	22.5	0.8	GSL105K0310AE04SR
1.0	26.5	19	10	22.5	0.8	GSL105K0310AE04SR
1.0	26.5	21.5	12	22.5	0.8	GSL105K0310AE06SR
1.0	32	19.5	10.5	27.5	0.8	GSL105K0310AF01SR
1.0	32	22	11	27.5	0.8	GSL105K0310AF11SR
1.0	32	22	13	27.5	0.8	GSL105K0310AF02SR
1.0	37	24	13.5	32	0.8	GSL105K0310A *** SR
1.0	38	23	14	32	0.8	GSL105K0310A *** SR
1.0	42	24	13	37.5	0.8	GSL105K0310AJ8MSR
1.2	26.5	19	10	22.5	0.8	GSL125K0310AE04SR
1.2	26.5	21.5	12	22.5	0.8	GSL125K0310AE06SR
1.2	32	19.5	10.5	27.5	0.8	GSL125K0310AF01SR
1.2	32	22	11	27.5	0.8	GSL125K0310AF11SR
1.2	32	22	13	27.5	0.8	GSL125K0310AF02SR
1.2	38	23	14	32	0.8	GSL125K0310A *** SR
1.2	42	24	13	37.5	0.8	GSL125K0310AJ8MSR
1.5	26.5	19	10	22.5	0.8	GSL155K0310AE04SR
1.5	26.5	21.5	12	22.5	0.8	GSL155K0310AE06SR
1.5	32	19.5	10.5	27.5	0.8	GSL155K0310AF01SR
1.5	32	22	13	27.5	0.8	GSL155K0310AF02SR
1.5	38	23	14	32	0.8	GSL155K0310A *** SR
1.5	42	24	13	37.5	0.8	GSL155K0310AJ8MSR
1.8	26.5	21.5	12	22.5	0.8	GSL185K0310AE06SR
1.8	32	22	13	27.5	0.8	GSL185K0310AF02SR
1.8	32	25	14	27.5	0.8	GSL185K0310AF03SR
1.8	38	23	14	32	0.8	GSL185K0310A *** SR
1.8	42	24	13	37.5	0.8	GSL205K0310AJ8MSR
2.0	26.5	21.5	12	27.5	0.8	GSL205K0310AE06SR
2.0	32	22	13	27.5	0.8	GSL205K0310AF02SR
2.0	32	25	14	27.5	0.8	GSL205K0310AF03SR
2.0	38	26	16	32	0.8	GSL205K0310A *** SR
2.0	42	24	13	37.5	0.8	GSL205K0310AJ8MSR
2.0	42	28	17	37.5	0.8	GSL205K0310AP1GSR
2.2	26.5	21.5	12	27.5	0.8	GSL225K0310AE06SR
2.2	26.5	25	15	27.5	0.8	GSL225K0310AE09SR
2.2	32	22	13	27.5	0.8	GSL225K0310AF02SR
2.2	32	25	14	27.5	0.8	GSL225K0310AF03SR
2.2	32	28	14	27.5	0.8	GSL225K0310AF05SR
2.2	38	26	16	32	0.8	GSL225K0310A *** SR
2.2	42	28	17	37.5	0.8	GSL225K0310AP1GSR