

SINLOON®

Electric Double Layer Capacitor - (金電容) Gold Capacitor Range: 0.47F to 1.0F

K-DCLH Series
Voltage: 6.3VDC

□ Features: (特性)

- High voltage (6.3V) and highly reliable (高壓及可靠)
- Smaller and lighter than K-DCLH Series (更小更輕系列)
- Wide temperature range (-25°C~85°C) than battery makes periodic change unnecessary.
溫度範圍由(-25°C~85°C), 不必要如電池需要周期性更換。

□ Applications (應用)



□ Ordering information (採購貨編)

Example: C-Type K-DCLH-6R3-474

TYPE	Part No.	Voltage	Capacitance (F)	Figure
C-Type	K-DCLH	6R3 (6.3V)	0.47 (474) 0.68 (684) 1.0 (105)	C-Type 

Electric double layer capacitor
雙電層電容器, 被稱為"黃金電容"
它提供所有電容器技術最高的容積效率, 不依靠化學反應產生電量。
它利用吸收/釋放的離子反應特性
成為一個儲存單元, 被比作儲電池。

□ Specifications (技術參數)

Items	Characteristics
Rated working voltage	6.3VDC
Operating temperature	-25°C~+70°C
Nominal Cap. Range	0.47 to 1.0F
Capacitance tolerance	-20% to +80% (at +25°C)
Low temperature(-25°C)	Capacitance change: ≤ 50% of the initial value at +25°C. Internal resistance: Less than five times of initial value at +25°C
Endurance	After 1000hrs application of rated DC working voltage at +70°C, The capacitor shall meet the following limits: 1. Capacitance change: ±30% of the initial value. 2. Internal resistance: Less than four times of the initial value.
Shelf life	After 1000hrs storage at +70°C without load, the capacitor shall meet the specified for "Endurance"

□ Standard products (標準規格型號)

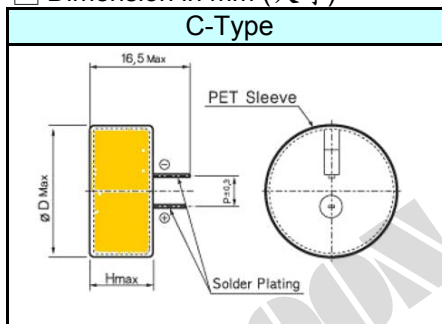
□ Dimension (mm) 外型尺寸

Part No.	Cap. (F)	Operating Voltage	ESR	C-Type		
			@1KHz	ΦD	H	P
K-DCLH-6R3-474 (0.47)		6.3VDC	≤ 50 Ω	21.5	9.5	5.0
K-DCLH-6R3-684 (0.68)		6.3VDC	≤ 50 Ω	21.5	9.5	5.0
K-DCLH-6R3-105 (1.0)		6.3VDC	≤ 50 Ω	21.5	9.5	5.0

Note: It is not allowed to go through reflow (IR, Atmosphere heating methods etc.) process.

注意: 不允許使用回流焊錫。

□ Dimension in mm (尺寸)



產品特性:

"金電容"可長期維持著充放電循環狀態,
不需要充電電路, 重覆的快速充電和放電,
可以長時間儲存能量, 不同於電池須周
期性更換, 無害和環保, 使用壽命長。

* Others data not in the specification of data, please contact us.

如果你要求的規格不在本規格書裡請與我們聯絡。