

SINLOON®

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

K-DCLT Series
Voltage: 3.6V~5.5VDC

Features: (特性)

- Small-size large capacity. (小型大容量)
- Smaller and lighter than K-DCLT 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-DCLT-5R5-684

TYPE	Part No.	Voltage	Capacitance (F)	Figure			
				C-Type	C-Type	H-Type	V-Type
C-Type	K-DCLT	3R6 (3.6V)	0.47 (474)				
H-Type		5R5 (5.5V)	0.68 (684)				
V-Type			1.0 (105)				

Specifications (技術參數)

Items	Characteristics
Rated working voltage	3.6V~5.5VDC
Operating temperature	-25°C~+85°C
Maximum surge voltage	5.5VDC
Nominal Cap. Range	0.47 to 1.0F
Capacitance tolerance	-20% to +80% (at +25°C)
Low temperature(-25°C)	Capacitance change: $\leq 50\%$ 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 +85°C, The capacitor shall meet the following limits: 1. Capacitance change: $\pm 30\%$ of the initial value. 2. Internal resistance: Less than four times of the initial value.
Shelf life	After 1000hrs storage at +85°C without load, the capacitor shall meet the specified for "Endurance"

Standard products (標準規格型號)

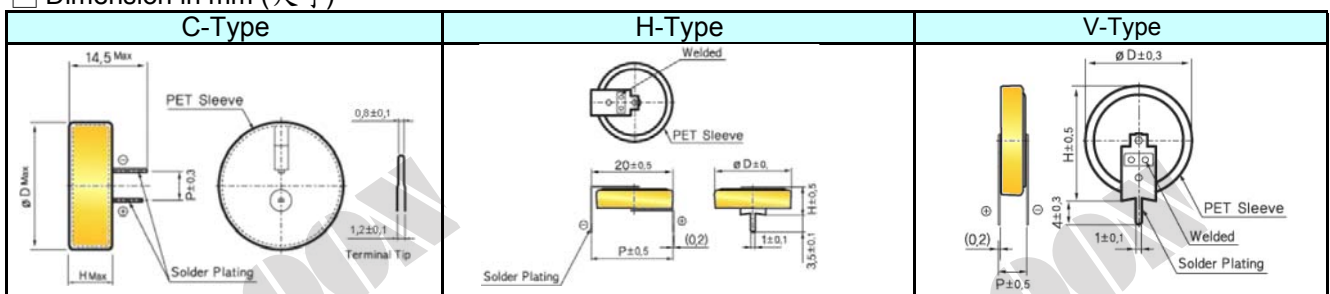
Dimension (mm) 外型尺寸

Part No.	Cap. (F)	Operating Voltage	ESR @1KHz	C-Type			H-Type			V-Type		
				ΦD	H	P	ΦD	H	P	ΦD	H	P
K-DCLT-3R6-105 (1.0)	1.0	3.6VDC	$\leq 30 \Omega$	19	19	5.0	19	6.5	20.0	21.5	7.5	5.0
K-DCLT-5R5-474 (0.47)	0.47	5.5VDC	$\leq 50 \Omega$	21.5	9.5	5.0	---	---	---	---	---	---
K-DCLT-5R5-684 (0.68)	0.68	5.5VDC	$\leq 50 \Omega$	21.5	9.5	5.0	---	---	---	---	---	---
K-DCLT-5R5-105 (1.0)	1.0	5.5VDC	$\leq 50 \Omega$	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)



* 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。