

SINLOON®

Electric Double Layer Capacitor - (金電容)
Gold Capacitor Range: 1.0F to 1.5F

K-DCL Series

Voltage: 5.5VDC

□ Features: (特性)

- Small-size large capacity. (小型大容量)
- Smaller and lighter than K-DCL Series (更小更輕系列)
- Wide temperature range (-25°C~70°C) than battery makes periodic change unnecessary.
溫度範圍由(-25°C~70°C), 不必要如電池需要周期性更換。

□ Applications (應用)



□ Ordering information (採購貨編)

Example: V-Type K-DCL-5R5-105

TYPE	Part No.	Voltage	Capacitance (F)	Figure		
C-Type	K-DCL	5R5 (5.5V)	1.0 (105)	C-Type	H-Type	V-Type
H-Type						
V-Type						

□ Specifications (技術參數)

Items	Characteristics
Rated working voltage	5.5VDC
Operating temperature	-25°C~+70°C
Maximum surge voltage	5.5VDC
Nominal Cap. Range	1.0 to 1.5F
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 +70°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 +70°C without load, the capacitor shall meet the specified for "Endurance"

□ Standard products (標準規格型號)

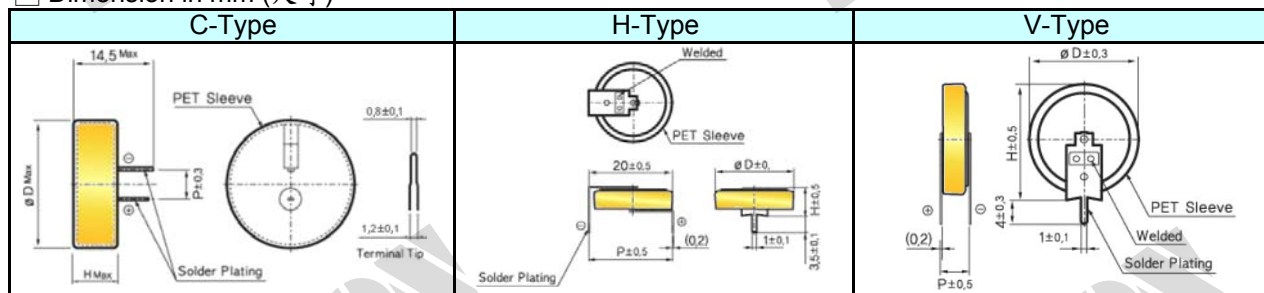
□ Dimension (mm) 外型尺寸

Part No.	Cap. (F)	Operating Voltage	ESR @1KHz	C-Type			H-Type			V-Type		
				ΦD	H	P	ΦD	H	P	ΦD	H	P
K-DCL-5R5-105 (1.0)	5.5VDC		$\leq 30 \Omega$	19	19.5	5.0	19	6.5	20.0	21.5	7.5	5.0
K-DCL-5R5-155 (1.5)			$\leq 30 \Omega$	19	19.5	5.0	19	6.5	20.0	21.5	7.5	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。