

SINLOON®

Super Capacitor - (法拉電容)
Gold Capacitor Range: 0.35F~400F

JP-SP2R7 Series
Voltage: 2.7V

Features: (特性)

Snap-in type and Radial terminals.
Low ESR, Can output large power in big current circuit instantly.
Capacitance Range: 0.35F ~ 400F
Low temperature(-40°C) usage available for 2.7V products

Applications (產品應用)

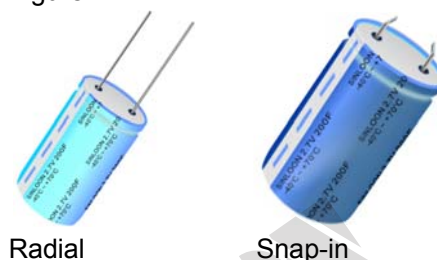
CMOS, VCR, RAM, Radio, TV set.
DVD, Electric toy, LED-lighting device,
Telephone, Intelligent door lock, Electric cooker
Solar lighting, Self-power super flashlight

Ordering information (採購貨編)

Example: JP-SP2R7-105MR (2.7V 1.0F ±20% Radial)

Part No.	Voltage	Cap.(F)	Tolerance	Lead Type
JP-SP2R7	2R7 (2.7V)	104 (0.1F)	J=±5%.	R=Radial
		105 (1.0F)	K=±10%.	S=Snap-in
		106 (10F)	M=±20%.	
		107 (100F)	U= -10~20% V=10~30% Z=-20~80%	

Figure



Specifications (技術參數)

Items	Characteristics
Rated working voltage	2.7VDC
Operating temperature	-40°C~+70°C
Nominal Cap. Range	0.35F ~ 400F
Capacitance tolerance	-20% to +80% (at +25°C)
Shelf Life	After 1000hrs storage at +60/+70°C without load the cap. shall meet the specified limit for "Endurance"
Endurance	1.Capacitance change:±30% of initial measured value. 2.Internal resistance: ≤200% of specification value.

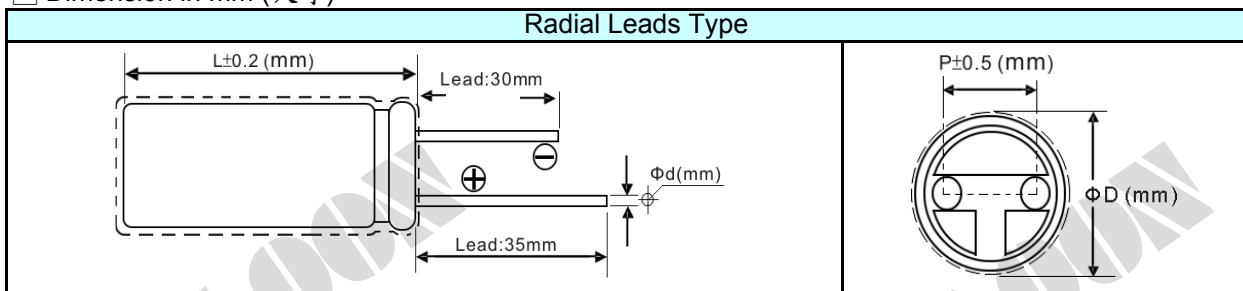
Standard products (標準規格型號)

Part No.	Capacitance (F)	Operating Voltage	ESR Maximum	30min Leakage Currant Max.	Dimension in mm		
					ΦDxL	P	Φd
JP-SP2R7-354UR	0.35	2.7VDC	0.15Ω	50μA	5x11.5	2.0	0.5
JP-SP2R7-105VR	1.00	2.7VDC	0.30Ω	200μA	8x20	3.5	0.6
JP-SP2R7-205VR	2.00	2.7VDC	0.12Ω	350μA	10x20	5.0	0.6
JP-SP2R7-335MR	3.30	2.7VDC	0.075Ω	450μA	8x20	3.5	0.6
JP-SP2R7-335VR	3.30	2.7VDC	0.07Ω	450μA	10x20	5.0	0.6
JP-SP2R7-475VR	4.70	2.7VDC	0.06Ω	1000μA	12.5x21	5.0	0.6
JP-SP2R7-805VR	8.00	2.7VDC	0.05Ω	1000μA	12.5x21	5.0	0.6

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。

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Standard products (標準規格型號)

Part No.	Capacitance (F)	Operating Voltage	ESR Maximum	24hrs Self Discharge	Dimension in mm		
					ΦDxL	P	Φd
JP-SP2R7-106UR	10.0	2.7VDC	0.025Ω	2.4V (Min)	12.5x34	5.0	0.8
JP-SP2R7-106UR	10.0	2.7VDC	0.040Ω	2.4V (Min)	12.5x25	5.0	0.8
JP-SP2R7-156UR	15.0	2.7VDC	0.03Ω	2.4V (Min)	12.5x34	5.0	0.8
JP-SP2R7-206UR	20.0	2.7VDC	0.02Ω	2.4V (Min)	16x34	5.0	0.8
JP-SP2R7-256UR	25.0	2.7VDC	0.02Ω	2.4V (Min)	16x34	5.0	0.8
JP-SP2R7-306UR	30.0	2.7VDC	0.025Ω	2.4V (Min)	16x34	5.0	0.8
JP-SP2R7-356UR	35.0	2.7VDC	0.02Ω	2.4V (Min)	18x34	5.0	0.8
JP-SP2R7-506UR	50.0	2.7VDC	0.025Ω	2.4V (Min)	18x41	5.0	0.8
JP-SP2R7-906UR	90.0	2.7VDC	0.02Ω	2.4V (Min)	22x45	5.0	1.0

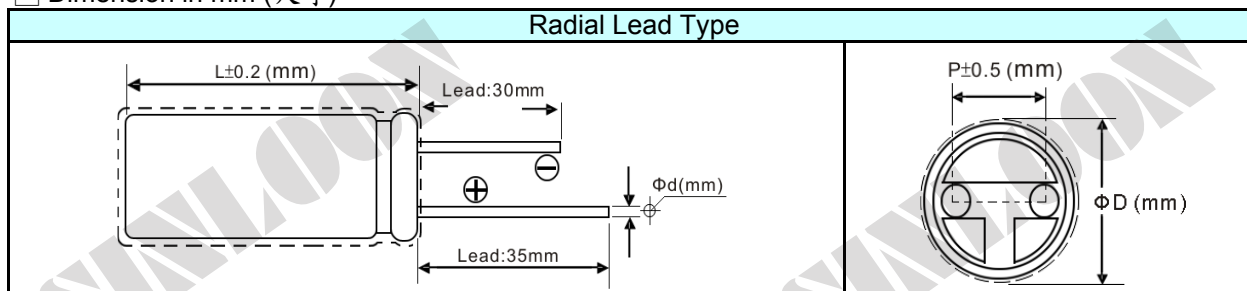
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Part No.	Capacitance (F)	Operating Voltage	ESR Maximum	24hrs Self Discharge	Dimension in mm		
					ΦDxL	P	Φd
JP-SP2R7-107UR	100.0	2.7VDC	0.02Ω	2.4V (Min)	22x45	7.0	1.0
JP-SP2R7-127UR	120.0	2.7VDC	0.015Ω	2.4V (Min)	25x54	10.0	1.0
JP-SP2R7-157UR	150.0	2.7VDC	0.015Ω	2.4V (Min)	25x54	10.0	1.0
JP-SP2R7-207UR	200.0	2.7VDC	0.01Ω	2.4V (Min)	35x62	10.0	1.0
JP-SP2R7-307UR	300.0	2.7VDC	0.01Ω	2.4V (Min)	35x62	10.0	1.0
JP-SP2R7-407UR	400.0	2.7VDC	0.01Ω	2.4V (Min)	35x62	10.0	1.0

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