DSK-414 ELECTRIC DOUBLE LAYER CAPACITORS "DYNACAP"

DSK 94.8x1.71mm /



ø4.8 x 1.71mm Max. height Coin Cell Capacitors GREE CAP 70°C • Reflow soldering method available. NEW

• Unlike batteries, the number of charging/ discharging cycles unlimited and rapid



- batteries, this is pollution free devices.
- ø4.8 x 1.71mm Max height type made lineup in the DSK series.

Specifications



Unit: mm

DSK 96.8x1.8mm Ma

 \Box

Low profile

Outline Drawing



3.5- ⁰ / _{0.5}

Unit: mm

Recommended land pattern size

Part numbering system (3.3V0.07F, terminal shaped: HL)							
DSK —	3R3	н	703	T414		HL	L
Series code	Rated voltage symbol		Rated capacitance symbol	Additional symbol		Terminal shaped	Taping

Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	ø DxL(mm)	
3.3	33 007		4.8x1.4	

* Reflow soldering condition : 146 page.





ELECTRIC DOUBLE LAYER DS, DSK-614

1.8mm Max. height Coin Cell Capacitors



- Unlike batteries, the number of charging/ discharging cycles unlimited and rapid charging/ discharging is possible.
- High reliability, Safe and unlike secondary batteries, this is pollution free devices.
- 1.8mm height type made lineup in the DS, DSK series.

(1.8mm Max.) Low profile DS (3.0mm Max.) Low profile DS (3.0mm Max.) DS (3.0mm Max.) DS (3.0mm Max.)



Specifications

Item		Perfo	rma	ance					
Series Name]	DS series		DSK series					
Rated voltage (V)		2.5		3.3					
Category temperature range (°C)	-	25 to +70		-10 to +60					
Tolerance at rated capacitance (%)	-	20 to +80		-20 to +80					
Rated Capacitance (F)		0.2		0.2					
Internal resistance(Ω) at 1 kHz		100		200					
Characteristics at high	Percentage of capacitance change	Within ±30% of the value at 20°C		Percentage of capacitance change	Within ±50% of the value at 20°C				
and low temperature	Internal resistance	Less than five times of the value at 20°C		Internal resistance	Within ten times the initial specified value				
			+						
	Test temperature	70°C		Test temperature	60°C				
E. barren	Test time	1000 hours		Test time	1000 hours				
Endurance	Percentage of capacitance change	Within $\pm 30\%$ of the initial measured value	Percentage of capacitance change Within ±30% of the in		Within ±30% of the initial measured value				
	Internal resistance	2kΩ or less		Internal resistance	4kΩ or less				
Shelf life	Test time :1000 hours ; Same as endurance.								

Low profile

Outline Drawing Recommended land pattern size Unit: mm Unit: mm Terminal shaped: H2 \oplus φ6.8 2+0.2 4.0+0.2 1.8 Max 0.15±0.05 25±0 2.0±0 \oplus Sn plated 8.3±0.1 7Max Θ .7±0.1 1.3±0.3 2.5±0.3 Θ 0.15±0.05 3.0±0.2

Part numbering system (2.5V0.2F, terminal shaped: H2)								
DS —	2R5	Н	204	T614	_	H2	L	
Series code	Rated voltage symbol		Rated capacitance symbol	Additional symbol	-	Terminal shaped	Taping	

Part numb	Part numbering system (3.3V0.2F, terminal shaped: H2)								
DSK ·	— 3	R3	Н	204	T614	_	H2	L	
Series code		d voltage mbol		Rated capacitance symbol	Additional symbol		Terminal shaped	Taping	

Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	ø DxL(mm)	
2.5	0.2	DS-2R5H204T614-H2L	6.8x1.4	
3.3	0.2	DSK-3R3H204T614-H2L	6.8x1.4	

* Reflow soldering condition : 146 page.



DS, DSK-621 ELECTRIC DOUBLE LAYER CAPACITORS "DYNACAP"





Outline Drawing





Ρ	Part numbering system (2.5V0.22F, terminal shaped: H)								
	DS	—	2R5	Н	224		— HL		
	Series code Rated voltage symbol		Rated voltage symbol	-	Rated capacitance symbol	Additional symbol	-		

Part numbering system (3.3V0.22F, terminal shaped: H)								
	DSK	_	3R3	Н	224		— HL	
	Series code		Rated voltage symbol	-	Rated capacitance symbol	Additional symbol	-	

Standard Ratings

Max. operating voltage(V)	Rated capacitance(F) ELNA Parts No.		ø DxL(mm)	
2.5	0.22	DS-2R5H224U-HL	6.8x2.1	
3.3	3.3 0.22		6.8x2.1	

* Reflow soldering condition : 146 page.

