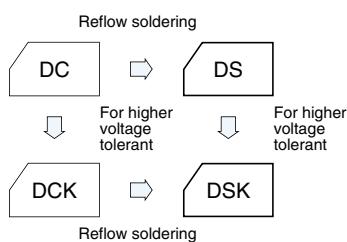


Coin Cell Capacitors Series DS,DSK

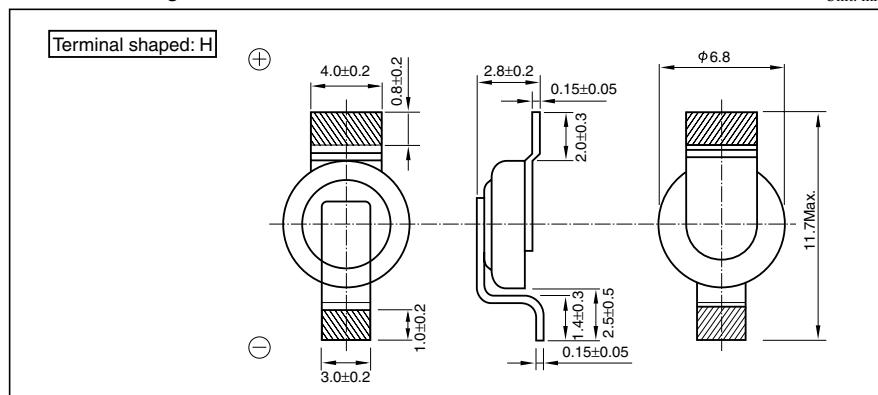
- Reflow soldering method available.
- Unlike batteries, the number of charging/ discharging cycles unlimited and rapid charging/ discharging is possible.
- High reliability, Safe and unlike secondary batteries, this is pollution free devices.



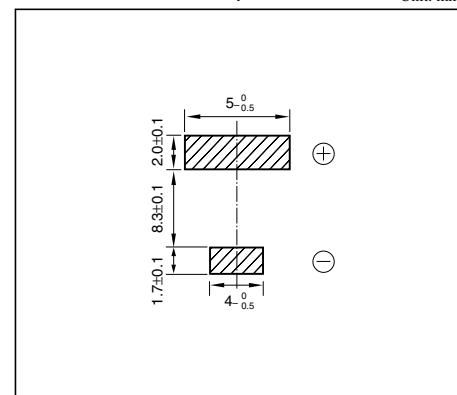
Specifications

Item	Performance				
	DS series		DSK series		
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)	0.22			0.22	
Internal resistance(Ω) at 1 kHz	100			200	
Characteristics at high and low temperature	Percentage of capacitance change Internal resistance	Within ±30% of the value at 20°C Less than five times of the value at 20°C		Percentage of capacitance change Internal resistance	Within ±50% of the value at 20°C Within five times the initial specified value
Endurance	Test temperature Test time Percentage of capacitance change Internal resistance	70°C 1000 hours Within ±30% of the initial measured value Within four times of the initial specified value		Test temperature Test time Percentage of capacitance change Internal resistance	60°C 1000 hours Within ±30% of the initial measured value Within four times of the initial specified value
Shelf life	Test time :1000 hours ; Same as endurance.				

Outline Drawing



Recommended land pattern size



Part numbering system (example: 2.5V0.22F, terminal shaped: H)

Environmental item	DS	—	2R5	H	224	U or T	—	HL
Former item	DS	—	2R5	H	224	—	HL	

Part numbering system (example: 3.3V0.22F, terminal shaped: H)

Environmental item	DSK	—	3R3	H	224	U or T	—	HL
Former item	DSK	—	3R3	H	224	—	HL	

Standard Ratings

Max. operating voltage(V)	Rated capacitance(F)	ELNA Parts No.	Ø DxL(mm)
2.5	0.22	DS-2R5D224[]-HL	6.8x2.1
3.3	0.22	DSK-3R3H224[]-HL	6.8x2.1

* Reflow soldering condition : 135 page.

NOTE

Design, Specifications are subject to change without notice.
Ask factory for technical specifications before purchase and/or use.

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Elna](#):

[DSK3R3H224U-HL](#)