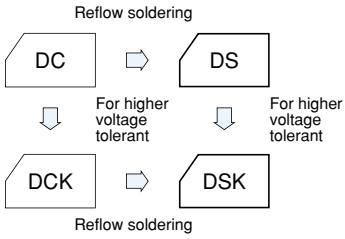
DS,DSK-621 ELECTRIC DOUBLE LAYER CAPACITORS "DYNACAP"

ELNA®

Coin Cell Capacitors

GREEN CAP | 60°C / 70°C

- **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.**

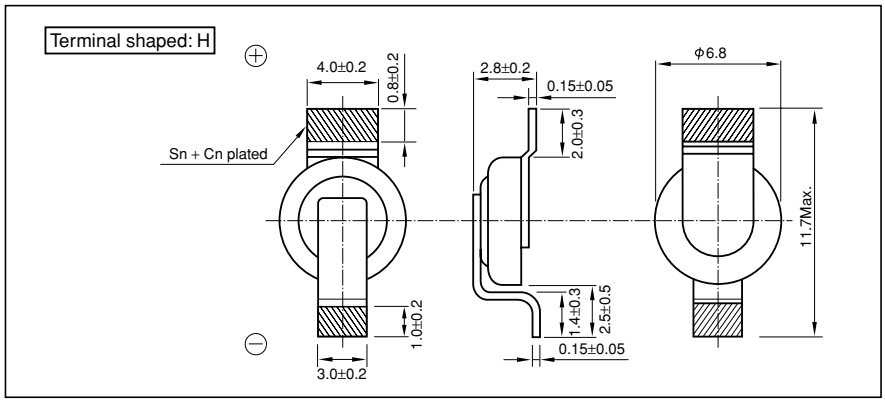


Specifications

Item	Performance	
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: Within ±30% of the value at 20°C Internal resistance: Less than five times of the value at 20°C	Percentage of capacitance change: Within ±50% of the value at 20°C Internal resistance: Within five times the initial specified value
Endurance	Test temperature: 70°C Test time: 1000 hours Percentage of capacitance change: Within ±30% of the initial measured value Internal resistance: Within four times of the initial specified value	Test temperature: 60°C Test time: 1000 hours Percentage of capacitance change: Within ±30% of the initial measured value Internal resistance: Within four times of the initial specified value
Shelf life	Test time :1000 hours ; Same as endurance.	

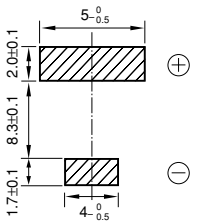
Outline Drawing

Unit: mm



Recommended land pattern size

Unit: mm



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

DS	—	2R5	H	224	□	— HL
Series code		Rated voltage symbol		Rated capacitance symbol	Additional symbol	

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

DSK	—	3R3	H	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	0.22	DSK-3R3H224U-HL	6.8x2.1

* Reflow soldering condition : 146 page.

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