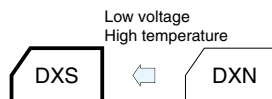


3.6V Miniaturized Low ESR High Temperature Capacitors

GREEN
CAP

85°C

- Long life of 3.6V 2000 hours, low ESR in DX series and this size.
- 5mm tall. Max. thin profile (H-shaped).
- Wider temperature range (−25 to +85°C) than battery.
- Miniaturized but can encase up to 0.47F in 11.5×5mm case and 1.0F in 19.0×20.5L mm case.
- It excels in rapid charge.



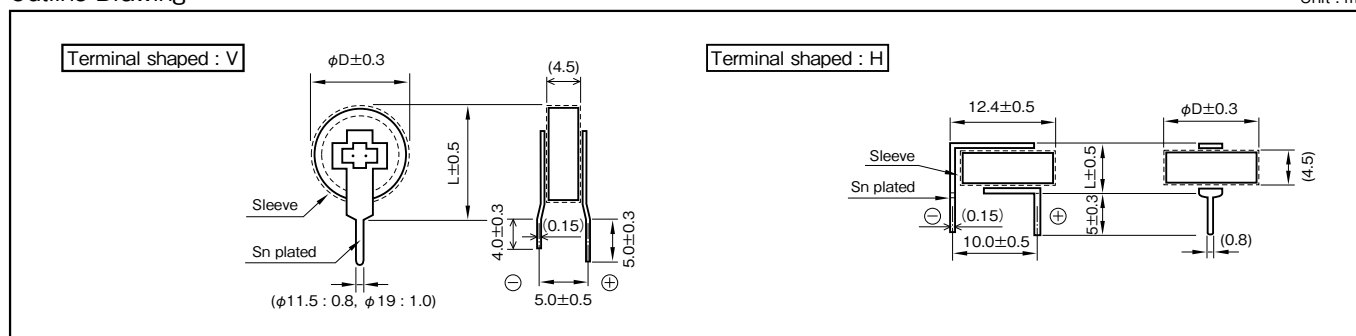
Marking color : White print on a black sleeve

Specifications

Item	Performance								
Category temperature range (°C)	−25 to +85								
Tolerance at rated capacitance (%)	−20 to +80								
Internal resistance at 1 kHz	Rated capacitance (F)		0.047	0.1	0.22	0.33	0.47	0.47	1
	Internal resistance (Ω Max.)		25	25	25	25	25 (ϕ 11.5)	20 (ϕ 19.0)	20
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						
Endurance (85°C)	Test time		2000 hours (ϕ 11.5 0.47F : 1000 hours)						
	Percentage of capacitance change		Within ±30% of the initial measured value						
	Internal resistance		Less than four times of the initial specified value						
Shelf life (85°C)	Test time : 1000 hours ; Same as endurance.								
Applicable standards	Conforms to JIS C5160-1 2009(IEC 62391-1 2006)								

Outline Drawing

Unit : mm



Part numbering system (example : 3.6V0.1F)

DXS	—	3R6	□	104	□	U
Series code		Max.operating voltage symbol	Terminal shaped	Rated capacitance symbol	Additional symbol	

Part number is refer to following table.

Note

Do not apply external force to products or terminals as stress such as twisting, bending, pushing, or falling of such products or terminals may remove the terminals, resulting in an open/short circuit or liquid leakage. Avoid applying excessive heat to capacitors during heating of an adhesive curing oven. For details, refer to the precautions in use of DYNACAP.

Standard Ratings

DXS-5R5V105U

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD×L (mm)
3.6	0.047	DXS-3R6V473U	11.5×13.0
		DXS-3R6H473U	11.5× 5.0
3.6	0.1	DXS-3R6V104U	11.5×13.0
		DXS-3R6H104U	11.5× 5.0
3.6	0.22	DXS-3R6V224U	11.5×13.0
		DXS-3R6H224U	11.5× 5.0
3.6	0.33	DXS-3R6V334U	11.5×13.0
		DXS-3R6H334U	11.5× 5.0
3.6	0.47	DXS-3R6V474SU	11.5×13.0
		DXS-3R6H474SU	11.5× 5.0
		DXS-3R6V474U	19.0×20.5
3.6	1	DXS-3R6V105U	19.0×20.5