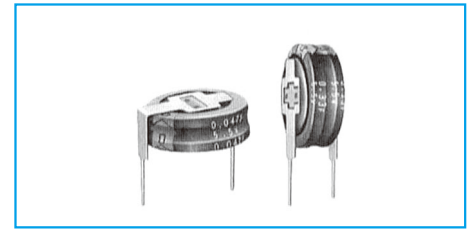


5.5V Miniaturized High temperature Capacitors

GREEN
CAP

85°C

- High temperature type of Series DX.
- 5mm tall. Max. thin profile (H-shaped).
- Miniaturized but can encase up to 0.33F in 11.5×5mm case, and 1.0F in 19.0×20.5mm case.



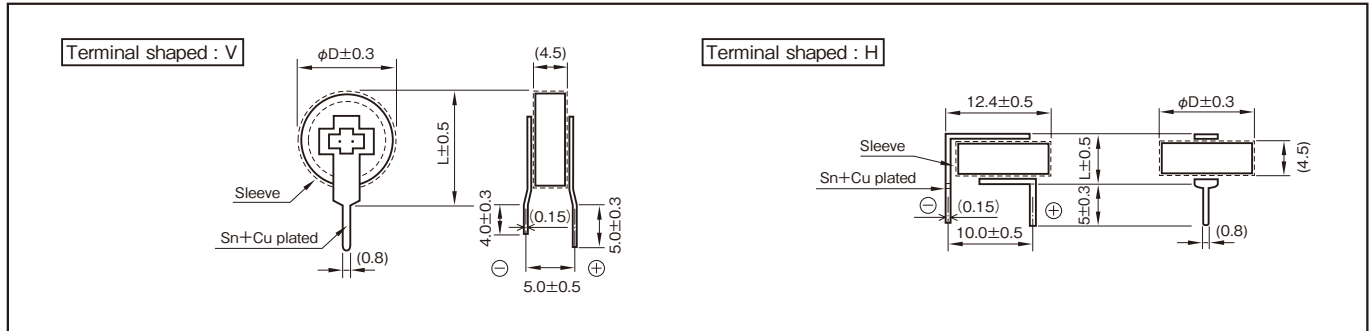
Marking color : White print on a black sleeve

Specifications

Item	Performance																							
Category temperature range (°C)	-10 to +85																							
Tolerance at rated capacitance (%)	-20 to +80																							
Internal resistance at 1 kHz	<table><tr><td>Rated capacitance (F)</td><td>0.047</td><td>0.1</td><td>0.22</td><td>0.33</td><td>1.0</td></tr><tr><td>Internal resistance (Ω)</td><td>200</td><td>150</td><td>150</td><td>150</td><td>75</td></tr></table>						Rated capacitance (F)	0.047	0.1	0.22	0.33	1.0	Internal resistance (Ω)	200	150	150	150	75						
	Rated capacitance (F)	0.047	0.1	0.22	0.33	1.0																		
Internal resistance (Ω)	200	150	150	150	75																			
Characteristics at high and low temperature	<table><tr><td>Percentage of capacitance change</td><td colspan="5">Within ±30% of the value at 20°C</td></tr><tr><td>Internal resistance</td><td colspan="5">Within four times of the initial specified value</td></tr></table>						Percentage of capacitance change	Within ±30% of the value at 20°C					Internal resistance	Within four times of the initial specified value										
	Percentage of capacitance change	Within ±30% of the value at 20°C																						
Internal resistance	Within four times of the initial specified value																							
Endurance (85°C)	<table><tr><td>Test time</td><td colspan="5">1000 hours</td></tr><tr><td>Percentage of capacitance change</td><td colspan="5">Within ±30% of the initial measured value</td></tr><tr><td>Internal resistance</td><td colspan="5">Less than four times of the initial specified value</td></tr></table>						Test time	1000 hours					Percentage of capacitance change	Within ±30% of the initial measured value					Internal resistance	Less than four times of the initial specified value				
	Test time	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 : 5.5V0.1F)

DXJ	—	5R5	□	104	□
Series code		Max.operating voltage symbol	Terminal shaped	Capacitance tolerance symbol	Additional symbol

Part number is refer to below 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

Max. operating voltage (V)	Rated capacitance (F)	ELNA Parts No.	φD×L (mm)
5.5	0.047	DXJ-5R5V473U	11.5×13.0
		DXJ-5R5H473U	11.5× 5.0
5.5	0.1	DXJ-5R5V104U	11.5×13.0
		DXJ-5R5H104U	11.5× 5.0
5.5	0.22	DXJ-5R5V224U	11.5×13.0
		DXJ-5R5H224U	11.5× 5.0
5.5	0.33	DXJ-5R5V334U	11.5×13.0
		DXJ-5R5H334U	11.5× 5.0
5.5	1.0	DXJ-5R5V105U	19.0×20.5

NOTE

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