

5.5V Miniaturized Standard Capacitors Series DX

- Smaller and lighter than Series DB.
- 5mm tall. Max. thin profile(H-shaped).
- Miniaturized but can encase up to 0.33F in 11.5x5mm case.



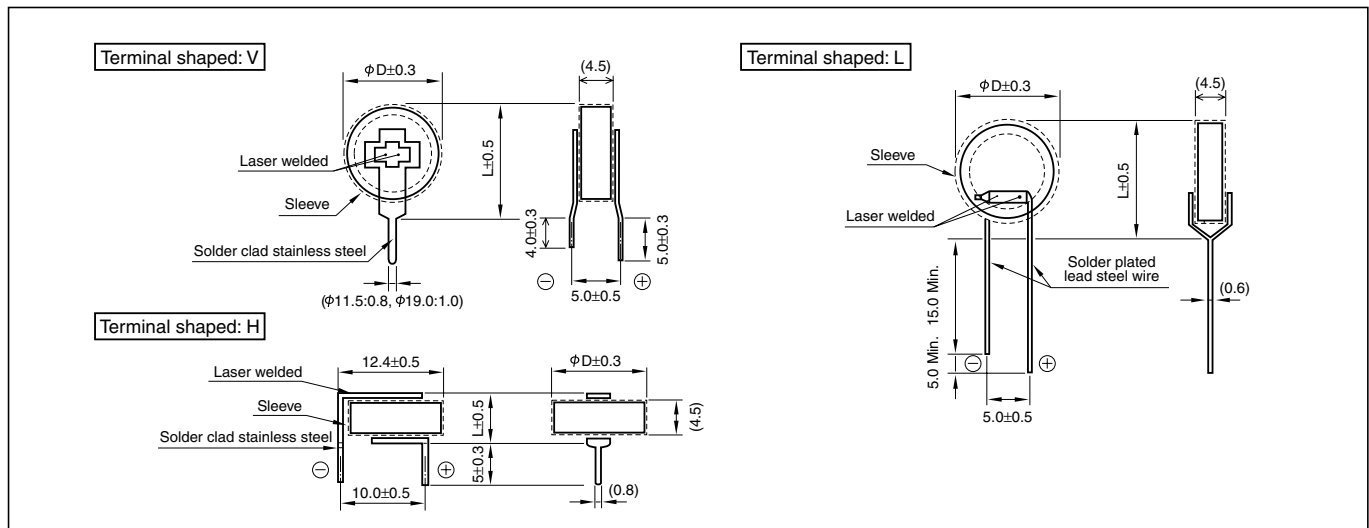
Marking color : White print on an indigo sleeve

Specifications

Item	Performance					
Category temperature range (°C)	-25 to +70					
Tolerance at rated capacitance (%)	-20 to +80					
Internal resistance at 1 kHz	Rated Capacitance (F)	0.047	0.1	0.22	0.33	1.0
	Internal resistance (Ω)	120	75	75	75	30
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 (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				
Shelf life (70°C)	Test time :1000 hours ; Same as endurance.					

Outline Drawing

Unit: mm



Part numbering system (example: 5.5V0.1F)					
Environmental item	DX	—	5R5	□	104 U or T
	Series code		Rated voltage symbol	Terminal shaped	Rated capacitance symbol
Former item	DX	—	5R5	□	104
	Series code		Rated voltage symbol	Terminal shaped	Rated capacitance symbol

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.	φ DxL(mm)
5.5	0.047	DX-5R5V473	11.5x13.0
		DX-5R5H473	11.5x 5.0
		DX-5R5L473	11.5x12.4
5.5	0.1	DX-5R5V104	11.5x13.0
		DX-5R5H104	11.5x 5.0
		DX-5R5L104	11.5x12.4
5.5	0.22	DX-5R5V224	11.5x13.0
		DX-5R5H224	11.5x 5.0
		DX-5R5L224	11.5x12.4
5.5	0.33	DX-5R5V334	11.5x13.0
		DX-5R5H334	11.5x 5.0
		DX-5R5L334	11.5x12.4
5.5	1.0	DX-5R5V105	19.0x20.5