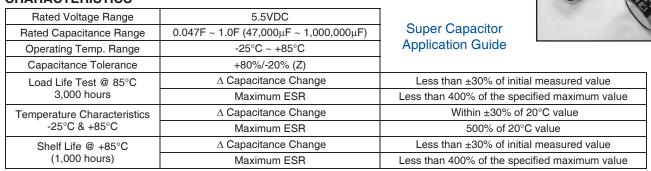
FEATURES

- DOUBLE LAYER CAPACITOR
- WIDE TEMPERATURE (-25°C~ +85°C)
- LONG LIFE (3,000 HOURS)
- SUITABLE FOR FLOW SOLDERING
- LEAD-FREE FINISH

CHARACTERISTICS



RoHS

Compliant

includes all homogeneous materials

STANDARD VALUES AND SPECIFICATIONS

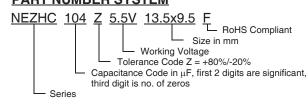
NIC P/N	Case Size (mm)	Capacitance (F)	Voltage (VDC)	Holding Voltage (VDC min.)*	Max. Leakage Current @ minutes (μA)	Max. ESR @ 1KHz (Ω)	
NEZHC473Z5.5V13.5X9.5F	13.5X9.5	0.047	5.5	4.0	69 @ 30 minutes	300	
NEZHC104Z5.5V13.5X9.5F	13.5X9.5	0.1	5.5	4.0	100 @ 30 minutes	ites 200	
NEZHC224Z5.5V13.5X9.5F	13.5X9.5	0.22	5.5	4.0	135 @ 30 minutes	120	
NEZHC474Z5.5V21.5X9.5F	21.5X9.5	0.47	5.5	4.0	216 @ 30 minutes	50	
NEZHC684Z5.5V21.5X9.5F	21.5X9.5	0.68	5.5	4.0	260 @ 30 minutes	50	
NEZHC105Z5.5V21.5X9.5F	21.5X9.5	1.0	5.5	4.0	315 @ 30 minutes	30	

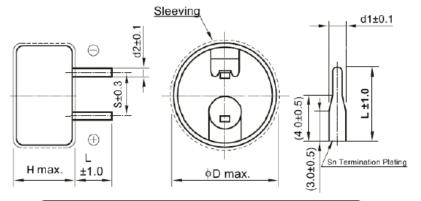
^{*}Minimum voltage at 24 hours after charging for 1 hour at 5VDC.

CASE DIMENSIONS (mm)

NIC P/N	DIMENSIONS (mm)							
INIC P/IN	D	Н	S	L	d,	d ₂		
NEZHC473Z5.5V13.5X9.5F	13.5	9.5	5.0	6.0	1.2	0.5		
NEZHC104Z5.5V13.5X9.5F	13.5	9.5	5.0	6.0	1.2	0.5		
NEZHC224Z5.5V13.5X9.5F	13.5	9.5	5.0	6.0	1.2	0.5		
NEZHC474Z5.5V21.5X9.5F	21.5	9.5	5.0	6.0	1.2	0.5		
NEZHC684Z5.5V21.5X9.5F	21.5	9.5	5.0	6.0	1.2	0.5		
NEZHC105Z5.5V21.5X9.5F	21.5	9.5	5.0	6.0	1.2	0.5		

PART NUMBER SYSTEM





PRECAUTIONS

WASHING is NOT RECOMMENDED. Additional guidelines and precautions can be found at www.niccomp.com/precautions
If in doubt or uncertainty, please review your specific application - process details with NIC's technical support personnel: tpmg@niccomp.com

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