



## Surface Mount Aluminum Electrolytic Capacitors

NACZ Series

### FEATURES

- Low Impedance – High Ripple Current Rated
- -55° ~ +105°C
- 2000 Hour (+105°C) Load Life Test Rating
- Tape and Reel for Automatic Insertion
- Reflow Soldering Compatible



### Specifications

Capacitance Value Range	0.10 $\mu$ F ~ 6800 $\mu$ F
Capacitance Tolerance	$\pm$ 20% (M)
Operating Temperature Range	-55°C ~ +105°C
Voltage Rating (WVDC) Range	6.3VDC ~ 50VDC
Dissipation Factor	0.10 ~ 0.40 (120Hz, +20°C)
Impedence / ESR	0.10 $\Omega$ ~ 1660 $\Omega$ (100Hz, +20°C)
Ripple Current Rating	0.001 ~ 1.33Arms max. (100Hz, +105°C)
Leakage Current @ WVDC	3 $\mu$ A ~ 428 $\mu$ A After 2 Minutes At WVDC (+20°C)
Load Life	1000 hours @ +105° C (4, 5, 6.3mm diameters) 2000 hours @ +105° C (8, 10, 12.5, 16mm diameters)
<b>Dimensions (mm)</b>	
Diameter (D)	3, 4, 5, 6.3, 8, 10, 12.5 & 16mm
Length (L)	5.5, 6.3, 8, 10.5, 14 & 17mm



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Making the Difference