

Future Product Brief



High CV, Large Can, Screw Terminal Aluminum Electrolytic Capacitors

NSTE / NSTEW Series

APPLICATIONS

High Energy Storage
Power Invertors – UPS
Electric & Hybrid Vehicles

FEATURES

- General Purpose & Wide Temperature Temperature Ratings
 - 85°C (NSTE)
 - 105°C (NSTEW)
- Available in Wide Range of High CV Values
- Long Life (3,000 hours) at Rated Temperature and Ripple Current (up to 37Arms)



Specifications

Operating Temperature Range	-40°C ~ +85°C / -40°C ~ +105°C
Rated Working Voltage Range	16 ~ 500Vdc
Rated Capacitance Range	150µF ~ 1.0F
Capacitance Tolerance	±20% (M) at 120Hz, +20°C
Max. Leakage Current	3 x C(µF) x V (µA) After 5 Minutes (+20°C)
ESR	See Data Sheets (URL below)
Ripple Current Rating	Up to 37.5Arms @ 120Hz, +85°C (NSTE) Up to 34Arms @ 120Hz, +105°C (NSTEW)
Load Life	3000 hours @ +85°C (NSTE) 3000 hours @ +105°C (NSTEW)
Dimensions (mm)	
Diameter (D)	35, 52, 64 & 76 mm
Length (L)	41, 48, 54, 66, 79, 92, 104, 117, 130, 142 & 218mm
Terminal Spacing (F)	12.7, 21.9, 28.6 & 31.8mm



FUTURE ELECTRONICS



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Making the Difference