



NIC COMPONENTS CORP.

70 Maxess Road • Melville, New York 11747
(631) 396-7500 • Fax (631) 396-7575

TEMPERATURE CHARACTERISTICS

PRODUCTS: SMT ALUMINUM ELECTROLYTIC CAPACITORS

SERIES: NACZ & NACZF

NACZ SERIES

ESR OVER TEMPERATURE:

RE ESR OVER TEMP

A: WE LIKE TO SHOW OUR DATA OF ESR AT 100KHZ WHICH WE MEASURED AS FOLLOWING:

NACZ101M50V8X10.5:

-55C	2.46 ohm
-40C	1.16 ohm
-10C	0.42 ohm
+20C	0.22 ohm
+60C	0.13 ohm
+85C	0.095 ohm
+105C	0.082 ohm



100uF, 50VDC, 8mm X 10.5mm

NACZF SERIES : 470uF, 63VDC, 18mm X 22mm

Page 2 - ESR OVER TEMPERATURE:

Page 3 - CAPACITANCE & DF OVER TEMPERATURE:

Page 4 - IMPEDANCE OVER TEMPERATURE:



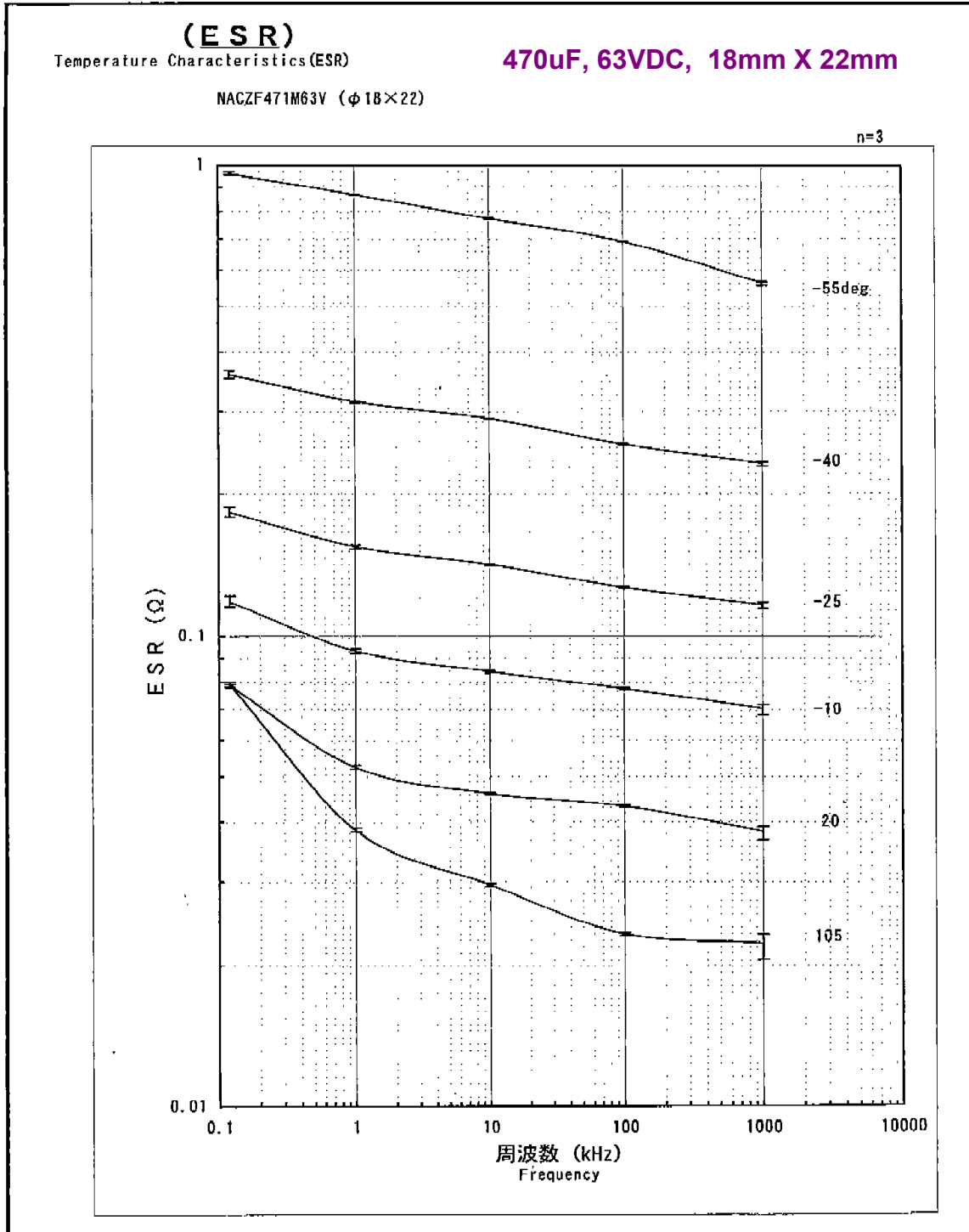
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12/1999

NACZF SERIES

ESR OVER TEMPERATURE



ISO 9002 REGISTERED



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NACZF SERIES

CAPACITANCE &

DF OVER TEMPERATURE

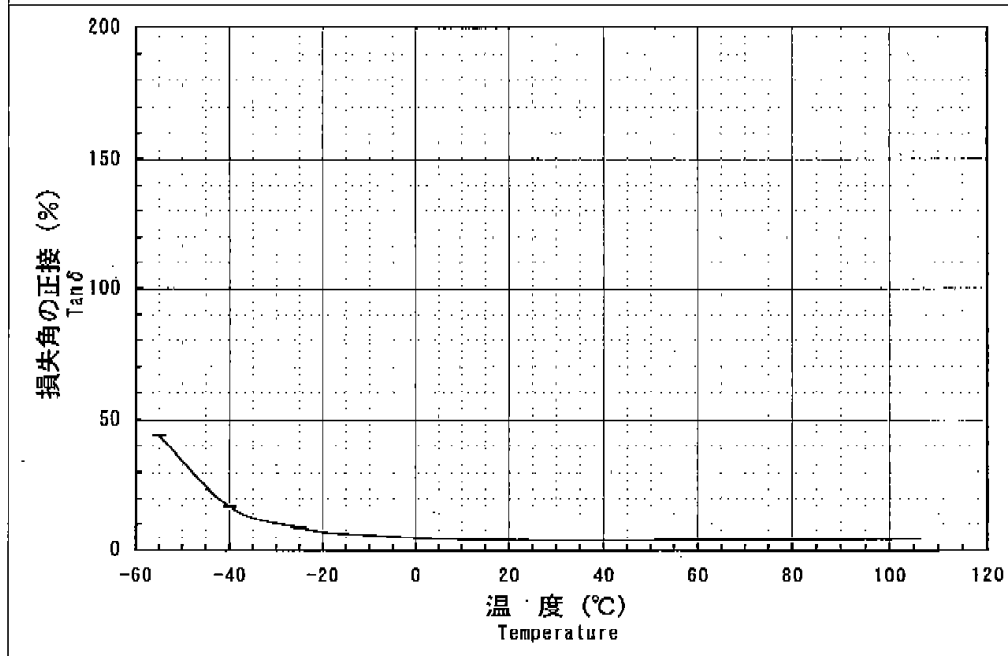
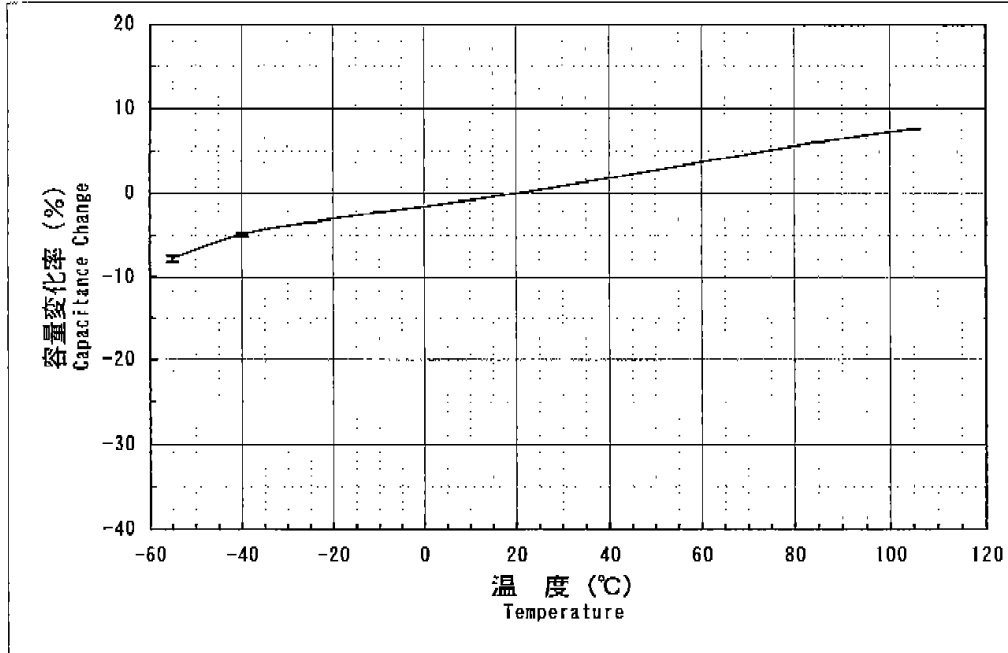
(Cap, Tan δ)

Temperature Characteristics (Cap, Tan δ)

470uF, 63VDC, 18mm X 22mm

NACZF471M63V ($\phi 18 \times 22$)

at 120Hz
n=3





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NACZF SERIES

IMPEDANCE OVER TEMPERATURE

Temperature Characteristics (Impedance)

470uF, 63VDC, 18mm X 22mm

: NACZF471M63V (φ18×22)

n=3

