



NIC COMPONENTS CORP.

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

TEST CONDITIONS

PRODUCTS: CERAMIC CAPACITORS
SERIES: LEADED AND SURFACE MOUNT

STANDARDS: EIA-198-2E

TEST CONDITIONS:

<i>CHARACTERISTIC</i>	<i>TC</i>	<i>TEST CONDITIONS</i>
CAPACITANCE	CLASS 1	C ≤1000pF @ 1MHZ, 1.2VRMS MAX., +25°C
DISSIPATION FACTOR		C >1000pF @ 1KHZ, 1.2VRMS MAX., +25°C
CAPACITANCE	CLASS 2	1KHZ, 1.0 ±0.2 VRMS, +25°C
DISSIPATION FACTOR		
CAPACITANCE	CLASS 3	Y5V @ 1KHZ, 1.0 ±0.2 VRMS, +25°C
DISSIPATION FACTOR		ALL OTHERS @ 1KHZ, 0.5 ±0.2 VRMS, +25°C
INSULATION RESISTANCE	ALL	AFTER 2 MINUTES AT RATED VDC, +25°C
DIELECTRIC WITHSTAND VOLTAGE	ALL	125% ~ 250%* RATED VOLTAGE FOR 5 ±1 SECONDS, +25°C

SPECIFICATION LIMITS: SEE SPECIFIC NIC DATA SHEETS

CLASS 1: NPO(COG), N150, SL(N330), N470, N750, N1500 & N3300

CLASS 2: X5R, X7R, Y5F, Y5P & Y5R

CLASS 3: Y5S, Y5T, Y5V, Z5U & Z5V

* - AS SPECIFIED PER NIC DATA SHEETS