



NIC COMPONENTS CORP.

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

DE-RATED OPERATION

Recommended Operations (**Standard Applications**)

Circuit Resistance: $\geq 3.0\Omega/V$

Voltage Derating: 70% of Rated Working Voltage

<i>Rated Voltage</i>	<i>Recommend Maximum Operating Voltage</i>
4.0VDC	2.8VDC
6.3VDC	4.4VDC
10VDC	7VDC
16VDC	11.2VDC
20VDC	14VDC
25VDC	17.5VDC
35VDC	24.5VDC
50VDC	35VDC

Recommended Operations (**Low Impedance Circuit Applications**)

Circuit Resistance: $< 3.0\Omega/V$

Voltage Derating: 33% of Rated Working Voltage

<i>Rated Voltage</i>	<i>Recommend Maximum Operating Voltage</i>
4.0VDC	1.3VDC
6.3VDC	2.1VDC
10VDC	3.3VDC
16VDC	5.3VDC
20VDC	6.6VDC
25VDC	8.3VDC
35VDC	11.6VDC
50VDC	16.5VDC