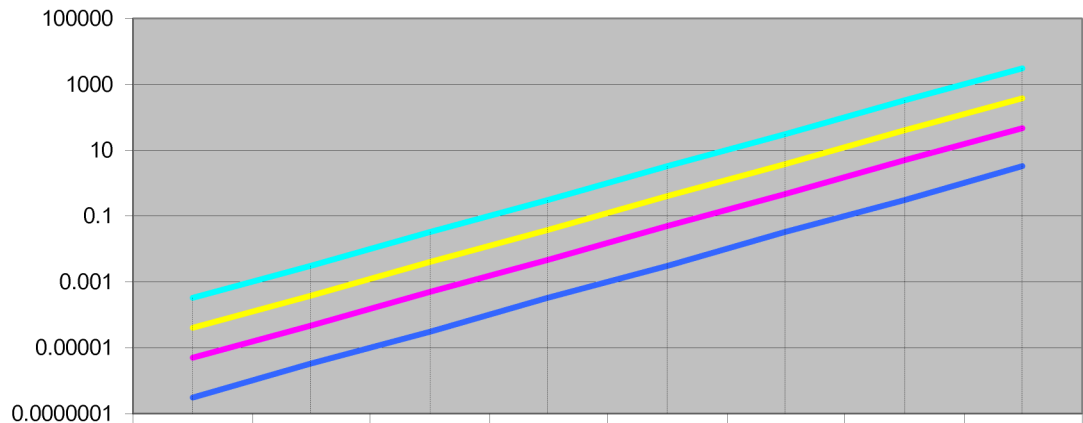




25111 Anza Drive, Valencia, CA 91355 • Tel (661) 295 5920 • Fax (661) 295 5928  
 www.Novacap.com E-mail: Info@Novacap.com

## Class II 200°C Operational Life Test Data

### Failure Rates at 90% Confidence



	25 °C	50 °C	75 °C	100 °C	125 °C	150 °C	175 °C	200 °C
10% of RV	0.00000	0.00000	0.00003	0.00031	0.00309	0.03090	0.30904	3.09038
25% of RV	0.00000	0.00005	0.00048	0.00483	0.04829	0.48287	4.82872	48.28717
50%RV	0.00004	0.00039	0.00386	0.03863	0.38630	3.86297	38.62974	386.29738
RV	0.00031	0.00309	0.03090	0.30904	3.09038	30.90379	309.03790	3090.37901

**FIT**

Test Conditions: 2000hrs. @ 200°C. Applied voltage is dependent on capacitors tested.  
 Time Period: March 2004 to July 2007.  
 Number of Capacitors Tested: 1,436  
 Testing Location: NOVACAP Reliability Test Department  
 Results: 2 Failures in 1,715,000 accelerated unit hours.  
 Conversion Factors:

From	To	Operation
<b>FITS</b>	MTBF (Hours)	$10^9 / \text{FITS}$
<b>FITS</b>	MTBF (Years)	$10^9 / (\text{FITS} \times 8760)$

$10^9$   
 FITS= Failures in 10<sup>9</sup> Hours  
 MTBF= Mean Time Between Failures