



**NIC COMPONENTS CORP.**

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

07-2001

## RELIABILITY SUMMARY REPORT

PRODUCTS: SMT FILM CHIP CAPACITORS  
SERIES: NSPC

**TEST CONDITIONS:**

125% RATED VOLTAGE AT MAXIMUM RATED TEMPERATURE (+125°C)

Series	Quantity Tested	Test Period (Hour)	Total Testing Time (Hour)	No. of Failure	Failure Rate (% / 10 <sup>3</sup> HR)	FIT	MTTF (Hour)
NSPC	499	2000HR @+125°C	864,000	0	0.0918	918 FIT	1.1 X 10 <sup>6</sup>

1. COEFFICIENT OF ZERO FAILURE IS 0.917 AT 60% CONFIDENTIAL LEVEL.
2. 1 FIT = 1 FAILURE IN 10<sup>9</sup> HOURS AT 60% CONFIDENCE LEVEL

ISO 9002 REGISTERED