

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 15 July 2000.

INCH-POUND

MIL-PRF-19500/383B  
AMENDMENT 1  
15 April 2000

## PERFORMANCE SPECIFICATION SHEET

SEMICONDUCTOR DEVICE, DIODE, SILICON, VOLTAGE-VARIABLE CAPACITOR  
TYPES 1N5139A THROUGH 1N5148A  
JAN, JANTX AND JANTXV

This amendment forms a part of MIL-PRF-19500/383B, dated 6 August 1999, and is approved for use by all Departments and Agencies of the Department of Defense.

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4.3 Screening table, delete and substitute as follows:

“

Screen (see table IV of MIL-PRF-19500)	Measurements
	JANTX, JANTXV levels
2	$T_A = +200^{\circ}\text{C}$ , 48 hours
10	Not applicable
11	$I_{R_i}$
12	See 4.3.1
13	Subgroup 2 of table I herein; $\Delta I_R = 100$ percent of initial value or 5 nA dc whichever is greater.

”

4.3.1 delete and substitute as follows:

“4.3.1  $h_{TRB}$  burn-in conditions.  $h_{TRB}$  burn-in conditions are as follows:

$T_A = 175^{\circ}\text{C}$ ;  $V_R = 60$  V dc, 96 hours.”

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TABLE I, subgroup 2; delete entire Capacitance test.

TABLE I, subgroup 4; add the following test:

“

Capacitance <u>3/</u>	4001	$V_R = 4$ V dc; $f = 1$ MHz	C	Column 3	Column 4	pF
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AMSC N/A

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AMENDMENT 1

Custodians:

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Air Force – 99

Preparing activity:

DLA – CC

(Project 5961-2278)