

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 29 February 2001.

INCH-POUND

MIL-PRF-19500/477C
AMENDMENT 3
30 November 2000
SUPERSEDING
AMENDMENT 2
23 June 2000

PERFORMANCE SPECIFICATION SHEET

SEMICONDUCTOR DEVICE, DIODE, SILICON, FAST RECOVERY, POWER RECTIFIER,
TYPES 1N5802, 1N5804, 1N5806, 1N5807, 1N5809, AND 1N5811,
1N5802US, 1N5804US, 1N5806US, 1N5807US, 1N5809US, AND 1N5811US
JAN, JANTX, JANTXV, JANJ, JANS, JANHC, AND JANKC

This amendment forms a part of MIL-PRF-19500/477C, dated 13 January 1999, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

1.3.1, delete: " $T_{J(max)} = +175^{\circ}C$ " and substitute " $T_{J(max)} = +200^{\circ}C$ ".

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4.5.2, delete as changed in amendment 1 and substitute as follows: add "1/ 2/ 3/ 4/" after as specified below.

- 2/ The delta measurements for group B, table VIa (JANS) of MIL-PRF-19500 are as follows: Subgroups 4 and 5, see 4.5.2 herein, steps 1 and 2.
- 3/ The delta measurements for group B, table VIb (JAN, JANTX, JANTXV, and JANJ) of MIL-PRF-19500 are as follows: Subgroup 3, see 4.5.2 herein, steps 1 and 2.
- 4/ The delta measurements for group C, table VII of MIL-PRF-19500 are as follows: Subgroup 6, see 4.5.2 herein, steps 1 and 2. "

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TABLE I, subgroup 2, forward voltage, condition $I_{FM} = 6.0$ A(pk), limit column, max, add "0.925"; unit column; add "V(pk)".

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TABLE I, subgroup 3, breakdown voltage for 1N5802, 1N5802US, 1N5807, 1N5807US, limits column, min; delete "60" and substitute "50".

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AMENDMENT 3

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* 4.5.4, delete and substitute:

"4.5.4 Scope display evaluation. Scope display evaluation shall be sharp and stable in accordance with method 4023 of MIL-STD-750."

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:

Army - CR
Navy - EC
Air Force - 11
NASA - NA
DLA - CC

Preparing activity:
DLA - CC

(Project 5961-2370)

Review activities:

Army - AR, AV, MI, SM
Navy - AS, CG, MC
Air Force - 19, 99