

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 17 May 2000 .

INCH-POUND

MIL-PRF-19500/477C
AMENDMENT 1
17 February 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, add "1/ 2/ 3/" after "as specified below".

2/ The delta measurements for table VIa (JANS) of MIL-PRF-19500 are subgroups 4 and 5, see 4.5.2 herein, steps 1 and 2.

3/ The delta electrical measurements for table VII of MIL-PRF-19500 is 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)".

PAGE 17

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

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

Preparing activity:
DLA - CC
(Project 5961-2274)

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

AMSC N/A
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