

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 7 Oct. 1999.

METRIC

MIL-PRF-19500/594A
AMENDMENT 1
7 July 1999

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE, SILICON, POWER RECTIFIER,
FAST RECOVERY, LOW LEAKAGE, TYPES 1N6664 THRU 1N6666, AND
1N6664R THROUGH 1N6666R JAN, JANTX, JANTXV, AND JANS

This amendment forms a part of MIL-PRF-19500/594A, dated
3 July 1998, and is approved for use by all Depart-
ments and Agencies of the Department of Defense.

PAGE 1

1.3, Maximum ratings, T_{STG} and T_{OP} column: Delete "+100°C" and substitute "+200°C".

PAGE 2

3.3 Delete and substitute: "Interface requirements and physical dimensions. The interface requirements and physical dimensions shall be as specified in MIL-PRF-19500 and in figure 1 (TO-257AA) herein. Methods used for electrical isolation of the terminal feedthroughs shall employ materials that contain a minimum of 90 percent AL_2O_3 (ceramic)."

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4.3.3 Surge current, I_{FSM} : delete "100A" and substitute "50 A."

4.4.2.1 Group B inspection, appendix E, table VIa (JANS) of MIL-PRF-19500, Subgroup B3: delete "100A" and substitute "50 A".

4.4.2.2 Group B inspection, appendix E, table VIb (JANTX and JANTXV of MIL-PRF-19500), Subgroup B2: delete "100A" and substitute "50 A".

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

Preparing activity:
DLA - CC

(Project 5961-2190)

Review activities:
Army - AR, MI, SM
Navy - AS, CG, MC
Air Force - 11, 19, 99