

The documentation and process conversion measures necessary to comply with this document shall be completed by 21 April, 2003.

INCH POUND

MIL-PRF-19500/366J
AMENDMENT 1
21 January 2003

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, TRANSISTOR, NPN, SILICON, AMPLIFIER
TYPES 2N3498, 2N3498L, 2N3499, 2N3499L, 2N3500, 2N3500L, 2N3501, 2N3501L,
AND 2N3501UB, JAN, JANTX, JANTXV, JANS, JANHC, AND JANKC

This amendment forms a part of MIL-PRF-19500/366J, dated 4 June 2002 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

1.4, type 2N3498, h_{FE5} add "15" to the minimum column.

1.4, type 2N3499, h_{FE5} add "20" to the minimum column.

1.4, type 2N3500, h_{FE6} add "15" to the minimum column.

1.4, type 2N3501, h_{FE6} add "20" to the minimum column.

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4.3, screen table, screen 3c, JANS level column and JANTX and JANTXV levels column, delete "(1)".

4.3, screen table, screen 13, JANS level column and JANTX and JANTXV levels column, delete "(1)".

4.3, end of screen table, delete "(1)".

PAGE 11

4.4.3.1, subgroup C6, delete the last sentence "Not applicable for UB devices."

PAGE 12

4.5.2.f, delete and substitute, "Maximum limit shall be $R_{\theta JA} = 175^{\circ}\text{C/W}$ for 2N3498, 2N3499, 2N3500, and 2N3501L."

4.5.2, add, "g. Maximum limit shall be $R_{\theta JA} = 325^{\circ}\text{C/W}$ for 2N3501UB".

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TABLE I, subgroup 2, collector to emitter saturation voltage, symbol column, delete "7".

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TABLE I, subgroup 2, collector to emitter saturation voltage, 2N3500, 2N3501, 2N3501UB only, symbol column, delete "7".

TABLE I, subgroup 2, collector to emitter saturation voltage, 2N3498, 2N3499, symbol column, delete "7".

TABLE I, subgroup 2, base emitter saturation voltage, symbol column, delete "7".

TABLE I, subgroup 2, base emitter saturation voltage, 2N3500, 2N3501, 2N3501UB only, symbol column, delete "7".

TABLE I, subgroup 2, base emitter saturation voltage, 2N3498, 2N3499, symbol column, delete "7".

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TABLE I, subgroup 3 heading, delete and substitute above high temperature operation.

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TABLE I, subgroup 5 heading, delete and substitute above safe operating area (continuous dc).

TABLE I, end of table, delete footnote "7".

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

Preparing activity:
DLA - CC

(Project 5961-2678)

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