

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 12 January 2002.

INCH POUND
MIL-PRF-19500/366H
AMENDMENT 1
12 November 2001

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-19500/366H, dated 28 June 2001 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

1.4, h_{FE5} column, types 2N3498 and 2N3499 respectively, insert "15 and 20" respectively under the min column.

1.4, h_{FE6} column, types 2N3500 and 2N3501 respectively, insert "15 and 20" respectively under the min column.

PAGE 8

4.3, screen 3c, JANS column, delete "(see 4.3.3)" and substitute "(see method 3131 of MIL-STD-750)".

4.3, screen 3c, JANTX and JANTXV column, delete "(see 4.3.3)" and substitute "(see method 3131 of MIL-STD-750)".

PAGE 9

4.3.1, delete and substitute "4.3.1 Screening (JANHC and JANKC). Screening of JANHC and JANKC die shall be in accordance with MIL-PRF-19500, "Discrete Semiconductor Die/Chip Lot Acceptance". Burn-in duration for the JANKC level follows JANS requirements; the JANHC follows JANTX requirements."

4.3.3, delete.

PAGE 11

4.4.3.1, subgroup C2, conditions, add: "Not applicable for UB devices."

4.4.3.2, subgroup C2, conditions, add: "Not applicable for UB devices."

PAGE 14

TABLE I, subgroup 3 title, delete and move above high temperature operation.

PAGE 15

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

PAGE 17

TABLE III, subgroup 5, inspection column, add "6 and 7".

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TABLE III, add the following inspection to the end of table:

“

| Inspection | MIL-STD-750 | | Qualification |
|--|-------------|------------|---------------------|
| | Method | Conditions | |
| <u>Subgroup 8</u> Reverse stability | 1033 | | 45 devices c = 0 |

“

PAGE 21

6.5, delete paragraph title and substitute “Suppliers of JANHC and JANKC die”.

6.5, delete table title and substitute “JANHC and JANKC ordering information”.

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

Preparing activity:
DLA - CC

(Project 5961-2511)

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