

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 18 Feb 94.

INCH-POUND

MIL-S-19500/612
AMENDMENT 1
18 November 1993

MILITARY SPECIFICATION

SEMICONDUCTOR DEVICE, TRANSISTOR, PNP, SILICON, POWER,
TYPE 2N7372, JANTX, JANTXV, AND JANS

This amendment forms a part of MIL-S-19500/612, dated 30 July 1993, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 4

4.4.2, group B inspection, and 4.4.3, group C inspection, delete last sentence and substitute "Electrical measurements (end points) shall be in accordance with the applicable steps and table I, group A, subgroup 2 herein except $Z_{\theta JX}$ shall be performed after Intermittent Life (subgroup 4) only."

4.4.2, subgroup B5, condition column, delete entirely and substitute "See 4.5.4."

4.4.3.1, group C inspection, table V of MIL-S-19500, subgroup C6, method column, delete "1026" and substitute "1037"; condition column, delete entirely and substitute " $V_{CB} = 30$ V dc minimum; $P_T = 2.5$ W at $T_A =$ room ambient as defined in the general requirements of (see 4.5) of MIL-STD-750; $t_{on} = t_{off} = 3$ minutes minimum for 6,000 cycles. No heat sink or forced air cooling on the devices shall be permitted."

PAGE 5

4.4.4, group E inspection, delete last sentence and substitute "Electrical measurements (end points) shall be in accordance with the applicable steps and table I, group A, subgroup 2 herein except $Z_{\theta JX}$ shall not be performed."

4.5.4, group B accelerated life test, second line, delete "(a, b, c)" and substitute "(a and b)" and delete " $V_{CB} = 30$ V dc;" and substitute " $V_{CB} = 20$ V minimum dc;"

CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 17
NASA - NA

Review activities:

Army - AR, MI, SM
Navy - AS, CG, MC
Air Force - 13, 19, 85, 99
DLA - ES

Preparing activity:

Navy - EC

Agent:

DLA - ES

(Project 5961-1588)

AMSC N/A

1 of 1

FSC 5961

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.