

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 10 August 1998

INCH-POUND

MIL-PRF-19500/394C
AMENDMENT 1
10 May 1998

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, TRANSISTOR, NPN, SILICON, POWER SWITCHING
TYPES 2N4150, 2N5237, 2N5238, 2N4150S, 2N5237S, AND 2N5238S
JAN, JANTX, JANTXV, AND JANS

This amendment forms a part of MIL-PRF-19500/394C, dated 12 August 1997 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 5

4.3, screen 13 for JANS level; add " $\Delta h_{FE1} = +20$ percent and -20 percent."

PAGE 9

TABLE I, subgroup 2, $V_{BE(sat)2}$, maximum limits column; delete "25" and substitute "2.5".

PAGE 10

TABLE I, subgroup 4, Small-signal short-circuit forward-current transfer ratio, method column; add "3206", conditions column; add " $V_{CE} = 5$ V dc, $I_C = 50$ mA dc, $f = 1$ KHz"; symbol column; add " h_{fe} ".

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FIGURE 5, drawing, V_{BB} ; delete "3 V dc" and substitute "20 V dc".

Custodians:
Army - CR
Navy - EC
Air Force - 17

Preparing activity:
DLA - CC

(Project 5961-1938)

Review activities:
Army - MI
Air Force - 13, 19, 85, 99