

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 20 April 1999

INCH-POUND

MIL-PRF-19500/597C
 AMEMDMENT 1
 20 January 1999

PERFORMANCE SPECIFICATION SHEET

SEMICONDUCTOR DEVICE, TRANSISTORS, QUAD, FIELD EFFECT,
 N-CHANNEL, SILICON TYPE 2N7334
 JAN, JANTX, JANTXV, JANS, JANHC, AND JANKC

This specification is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

1.3 Maximum ratings, second I_{D1} ; delete " I_{D1} "and substitute " I_{D2} ".

PAGE 6

4.4.1 First line, following "with"; add "appendix E, table V".

PAGE 7

4.4.2.1, subgroup B5, conditions column; delete in its entirety and substitute as follows: "Condition A, $V_{DS} = 80$ percent of rated, $T_A = +175^\circ\text{C}$, $t = 120$ hours."

4.4.2.2, second subgroup B3; delete " $V_{DS} = 80$ percent of rated" and substitute " $V_{GS} = 80$ percent of rated".

PAGE 11

Table I; add the following subgroup:

Subgroup Z					
Gate charge	3471	Condition B			
On-state gate charge			$Q_{g(on)}$	15	nC
Gate to source charge			Q_{gs}	7.5	nC
Gate to drain charge			Q_{gd}	7.5	nC
Reverse recovery time	3473	$di/dt = 100 \text{ A}/\mu\text{s}$, $V_{DD} \leq 30$ $V \text{ dc}$; $I_D = I_{D1}$	t_r	200	ns

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

Preparing activity:
 DLA - CC
 (Project 5961-2105)

Review activities:
 Army - AR, MI, SM
 Navy - CG, MC
 Air Force - 13, 19, 85, 99