

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 26 September 2001.

INCH-POUND

MIL-PRF-19500/599C  
AMENDMENT 2  
26 June 2001  
SUPERSEDING  
AMENDMENT 1  
8 May 1998

PERFORMANCE SPECIFICATION SHEET  
SEMICONDUCTOR DEVICE, QUAD, FIELD EFFECT TRANSISTORS,  
P-CHANNEL, SILICON TYPE 2N7335  
JAN, JANTX, JANTXV, JANS, JANHC, AND JANKC

This amendment forms a part of MIL-PRF-19500/599C, dated 30 December 1997 and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

1.2; delete "(MO-Q36AB)" and substitute "(MO-036AB)".

PAGE 3

FIGURE 1; delete "LL<sub>2</sub>" and substitute "LL<sub>1</sub>".

FIGURE 1, title; delete and substitute "FIGURE 1. Dimensions and configuration (MO-036AB)."

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FIGURE 1, dimension table; delete and substitute:

Symbol	Dimensions				Notes
	Inches				
	Min		Millimeters		
	Min	Max	Min	Max	
BH	.105	.175	2.67	4.45	11
BL	.690	.770	17.53	19.56	
BW	.290	.325	7.37	8.26	
BW <sub>1</sub>	.280	.310	7.11	7.87	10
LH	.025	.055	0.64	1.40	11
LL	.125	.175	3.18	4.45	11
LL <sub>1</sub>	.000	.030	0.00	0.76	
LS	.300 TP		7.62 TP		5, 6
LS <sub>1</sub>	.100 TP		2.54 TP		5, 6
LT	.008	.012	.203	.305	
LW	.015	.021	.381	.533	
LW <sub>1</sub>	.038	.060	0.97	1.52	
N	14		14		8
R	.010	---	0.25	---	
S	.030	.095	0.76	2.41	
α	0°	15°	0°	15°	7

FIGURE 1 title, delete "(MO-Q36AB)" and substitute "(MO-036AB)".

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FIGURE 2, note 3; delete ".005 inch" and substitute "±.005 inch".

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- \* 4.3, Screen 12, JANTX and JANTXV, delete "Method 1042, test condition A", and substitute "Method 1042, test condition A or accelerated,  $T_A = +175^\circ\text{C}$ ,  $t = 48$  hours."

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4.4.2.1, subgroup B5, conditions column; delete and substitute:

"Accelerated steady-state gate stress, method 1042, condition B,  $T_A = +175^\circ\text{C}$ ,  $t = 24$  hours. Test condition A,  $T_A = +175^\circ\text{C}$ ,  $t = 120$  hours. Read and record  $V_{BR(DSS)}$  (pre and post) at  $I_D = 1$  mA."

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TABLE I, subgroup 2, gate to source voltage (threshold), method column; delete "3404" and substitute "3403".

PAGE 12

TABLE I, subgroup 3, gate to source voltage (threshold), method column; delete "3404" and substitute "3403".

- \* TABLE I, subgroup 4, switching time test, delete  $R_g = 24\Omega$  and substitute " $R_g = 7.5\Omega$ "
- \* TABLE I, subgroup 4, turn-off delay time, delete "turn-off delay time", and substitute with "turn-off delay time, with a maximum limit of  $t_f = 70\text{ns}$ ."
- \* TABLE I, subgroup 4, Fall time, max limits column; delete "40" and substitute "80".

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5.2, Marking; delete "MIL-STD-129" and substitute "MIL-PRF-19500".

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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

Preparing activity:  
DLA - CC  
  
(Project 5961-2244)

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