

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 28 March 2002.

INCH-POUND

MIL-PRF-19500/578E
AMENDMENT 1
28 December 2001

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE, SILICON, SWITCHING,
1N6638, 1N6642, 1N6643, 1N6638U, 1N6642U, 1N6643U, 1N6638US, 1N6642US, 1N6643US,
1N6642UB, 1N6642UB2, 1N6642UBR2, JAN, JANTX, JANTXV, JANJ, AND JANS

This amendment forms a part of MIL-PRF-19500/578E, dated 21 June 2001, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Note below title, first sentence delete and substitute: "The JANS1N4148-1 will no longer be qualified and shall not be used (see 6.4).".

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Note 3, delete and substitute with "Dimension BD shall be measured at the largest diameter.".

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FIGURE 3, table, symbol A, millimeters column, delete "0.97" and substitute "1.17".

FIGURE 3, table, symbol D, millimeters column, delete "2.41" and substitute "2.16".

FIGURE 3, table, symbol E, millimeters column, delete "2.82" and substitute "2.92".

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FIGURE 4, table, symbol A, millimeters column, delete "0.97" and substitute "1.17".

FIGURE 4, table, symbol D, millimeters column, delete "2.41" and substitute "2.16".

FIGURE 4, table, symbol E, millimeters column, delete "2.82" and substitute "2.92".

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4.3, screening table, screen 13, JANS, JANJ, and JANTXV and JANTX level columns, add "(reverse scope display, see 4.5.3)".

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Add as new paragraph:

"4.5.3 Scope display evaluation. Scope display evaluation shall be stable in accordance with method 4023 of MIL-STD-750. Scope display may be performed on ATE (Automatic Test Equipment) for screening only with the approval of the qualifying activity. Scope display in group A shall be performed on an oscilloscope."

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TABLE I, subgroup 4, scope display, delete and substitute:

Inspection <u>1/</u> <u>2/</u>	MIL-STD-750		Symbol	Limit		Unit
	Method	Conditions		Min	Max	
Reverse scope display	4023	Stable n = 116, c = 0				

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

Preparing activity:
DLA - CC

(Project 5961-2527)

Review activities:
Army - AR, MI, SM
Navy - AS, MC
Air Force - 19, 71, 99