

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 14 July.2000.

INCH POUND

MIL-PRF-19500/516D
 AMENDMENT 2
 14 April 2000
 SUPERSEDING
 AMENDMENT 1
 29 NOVEMBER 1999

PERFORMANCE SPECIFICATION

SEMICONDUCTOR DEVICE, DIODE SILICON, BIPOLAR TRANSIENT VOLTAGE SUPPRESSOR, TYPES 1N6102 THROUGH 1N6137, 1N6102A THROUGH 1N6137A, 1N6138 THROUGH 1N6173, 1N6138A THROUGH 1N6173A, 1N6102US THROUGH 1N6137US, 1N6102AUS THROUGH 1N6137AUS, 1N6138US THROUGH 1N6173US, 1N6138AUS THROUGH 1N6173AUS JAN, JANTX, JANTXV, JANS, JANHC, AND JANKC

This amendment forms a part of MIL-PRF-19500/516D, dated 23 July 1999 and is approved for use by all Departments and Agencies of the Department of Defense.

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Delete dimensions chart and substitute:

Dimensions								
Ltr	1N6102 through 1N6137 1N6102A through 1N6137A				1N6138 through 1N6173 1N6138A through 1N6173A			
	Inches		Millimeters		Inches		Millimeters	
	Min	Max	Min	Max	Min	Max	Min	Max
ΦA	.087	.093	2.21	2.36	.124	.130	3.15	3.30
B	.030	.040	0.76	1.02	.030	.040	0.76	1.02

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Delete dimensions chart and substitute:

Dimensions								
Ltr	1N6102 through 1N6137 1N6102A through 1N6137A				1N6138 through 1N6173 1N6138A through 1N6173A			
	Inches		Millimeters		Inches		Millimeters	
	Min	Max	Min	Max	Min	Max	Min	Max
ΦA	.087	.093	2.21	2.36	.123	.128	3.12	3.25
B	.110	.120	2.79	3.05	.110	.120	2.79	3.05

2.2.1. Standard, delete "Military" and substitute "DEPARTMENT OF DEFENSE".

3.3.1. Metallurgical bond construction. Delete and replace with;

* "3.3.1. Metallurgical bond construction. Devices shall be metallurgically bonded, thermally matched, noncavity-double plug construction in accordance with MIL-PRF-19500, and herein. The "US" version shall be structurally identical to the axial lead type except for lead configuration."

3.4.1. delete "(except polarity)".

Changes from previous issue. The margins of this specification are marked with asterisks to indicate where changes from the previous issue 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 issue.

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC
(Project 5961-2175)