

The documentation and process conversion measures necessary to comply with this amendment shall be completed by 10 January 1991

INCH-POUND

MIL-S-19500/425(USAF)  
AMENDMENT 4  
10 September 1990  
~~SUPERSEDING~~  
AMENDMENT 3  
1 February 1984

MILITARY SPECIFICATION  
SEMICONDUCTOR DEVICE, TRANSISTOR, PN, SILICON, UNIJUNCTION  
JAN2N5431, AND JANTX2N5431

This amendment forms a part of MIL-S-19500/425(USAF), dated 23 September 1969, and is approved for use by the Rome Air Development Center, Department of the Air Force and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

\* 1.4 Primary electrical characteristics, R<sub>BB0</sub>, minimum column: Delete "6.0" and substitute "4.7".

PAGE 2

FIGURE 1, dimension D, max column: Add ".750 inches and 19.05 millimeters."

PAGE 10

Subgroup 2, Interbase resistance, minimum limits column: Delete "6" and substitute "4.7".

Subgroup 3, Modulated interbase current, minimum limits column, 5 mA dc is correct. This is to correct an error as printed in previous amendment.

PAGE 11

Subgroup 4, Base-one peak pulse voltage, detail column: Delete "V<sub>B2B1</sub> = 4 Vdc" and substitute "V<sub>B2B1</sub> = 5 V dc".

Subgroup 4, Base-one peak pulse voltage, minimum limits column: Delete "1" and substitute "0.8".

PAGE 13

TABLE II, subgroup 2, Interbase resistance, minimum limits column: Delete "6.0" and substitute "4.7".

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PAGE 15

TABLE II, subgroup 6, end points, Interbase resistance, minimum limits column:  
Delete "5.4" and substitute "4.2".

PAGE 16

\* TABLE III, subgroup 1, emitter reverse current, details column: Delete "Bias  
condition C" and substitute "Bias condition D".

PAGE 23

\* TABLE IV, interbase resistance, minimum limits column: Delete "6" and  
substitute "4.7".

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.

CONCLUDING MATERIAL

Custodian:  
Air Force - 17

Review activities:  
Air Force - 85

Preparing activity:  
Air Force - 17

Agent:  
DLA - ES

(Project 5961-F022)