

MILITARY SPECIFICATION
SEMICONDUCTOR DEVICE, TRANSISTOR
TYPE 2N916

This amendment forms a part of MIL-S-19500/271A(NAVY), dated 14 February 1964, and is approved for use within the Space and Naval Warfare Systems Command, Department of the Navy and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Bottom of page, FSC number: Delete "FSC 5960" and substitute "FSC 5961".

PAGE 2

Add the following new paragraph:

"3.2.1 Lead material and finish. Lead material shall be Kovar or Alloy 52. Lead finish shall be gold- or tin-plated. Where a choice of lead material and finish is desired, it shall be specified in the contract or order (see 6.3)."

3.4.1: Delete in its entirety.

PAGE 3

*4.2.3: Delete "90 days or every fifth lot, whichever occurs first" and substitute "six months".

Add the following new paragraph:

"6.3 Ordering data. Acquisition documents should specify the following:

- (a) Lead material and finish if preference exists (see 3.2.1).
- (b) Inspection data (see 4.2.4)."

PAGE 5

Table I, Subgroup 4, Output capacitance, Specific Conditions column: Add " $I_E = 0$, $100 \text{ kHz} \leq f \leq 1 \text{ MHz}$ ".

Table II, Subgroup 3, Shock, Specific Conditions column: Delete "1 msec" and substitute "0.5 ms".

PAGE 6

Table II, Subgroup 3, Vibration fatigue test: Delete in its entirety.

PAGE 7

Table III, Subgroup 1, Examination or test column, Input capacitance: Add "(output open-circuited)". Specific conditions column: Delete " $V_{EB} = -0.5 \text{ V}$ " and substitute " $V_{EB} = +0.5 \text{ V}$, $100 \text{ kHz} \leq f \leq 1 \text{ MHz}$ ".

MIL-S-19500/271A(NAVY)
AMENDMENT 5

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) 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.

Custodian:
Navy - EC

Preparing activity:
Navy - EC

Review activity:
DLA - ES

Agent:
DLA - ES

User activities:
Navy - AS, CG, MC, OS, SH

(Project 5961-N940)