

INCH-POUND

MIL-D-83532A
AMENDMENT 1
5 Feb 1993

MILITARY SPECIFICATION
DELAY LINES, ACTIVE
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-D-83532A, dated 30 December 1991,
and is approved for use by all Departments and Agencies of the Depart-
ment of Defense.

PAGE 3

Add the following new paragraph:

"3.3.4.1 ESD identifier/index mark. Delay lines supplied to this specification are considered to be ESD class 1 devices susceptible to ESD voltages of 0 to 1,999 volts. Delay lines shall be marked on top, over pin 1, with a single equilateral triangle (Δ) ESD identifier (see 3.20.2c)."

PAGE 4

Add the following new paragraph:

"3.4.6.2 Meniscus. Leads shall be free of case meniscus and other foreign material and shall be solderable for a minimum of .010 inch (0.25 mm) above the seating plane of the delay line."

PAGE 6

3.20.2, delete and substitute the following:

"3.20.2 Part marking. Delay lines shall be marked on the top in accordance with method I of MIL-STD-1285 (except item c) with the following, as a minimum:

- a. JAN marking (see 3.20.1).
- b. PIN (see 1.2.1).
- c. ESD identifier/index mark. The mark shall be in accordance with 3.3.4.1 herein. The MIL-STD-1285 ESD mark shall not be used.
- d. Manufacturer's source code or Logo.
- e. Date of manufacture code."

TABLE III, delete and substitute the following:

TABLE III. Group B inspection.

Inspection	Requirement paragraph	Method paragraph
<u>Subgroup I (4 units)</u>		
Resistance to solvents	3.7	4.6.5
Solderability	3.6	4.6.4
Salt spray (metal cases only)	3.12	4.6.10
Shock	3.14	4.6.12
Electrical characteristics	3.11	4.6.9
<u>Subgroup II (4 units)</u>		
Life	3.18	4.6.16
Terminal strength	3.9	4.6.7
Electrical characteristics	3.11	4.6.9

4.5.2.1.1, delete and substitute the following:

"4.5.2.1.1 Sampling plan. Every 12 months, eight sample units of any total delay value of each specification sheet produced during the 3-month period prior to the annual inspection shall be subjected to the group B inspection. If, during a 12-month period, qualification testing has been successfully completed on delay lines covered by extent of qualification (see 4.4.4), the group B inspection for that 12-month period may be omitted."

CONCLUDING MATERIAL

Custodians:
 Army - ER
 Navy - EC
 Air Force - 85

Review activities:
 Air Force - 19, 99
 DLA - ES

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

Preparing activity:
 Air Force - 85

Agent:
 DLA - ES

(Project 5999-0304)