

MIL-T-83727
AMENDMENT 1
18 December 1970

MILITARY SPECIFICATION

TRANSOLVERS, GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-T-83727, dated 24 September 1969, and is mandatory for use by all Departments and Agencies of the Department of Defense.

Page 1

1.2.1, delete third item "T, Function, 1.2.1.3" from type designation. Add new item between "S, Primary element" and "Y, Primary winding" as follows: "47, Impedance of input winding, 1.2.1.9."

1.2.1.1, delete and substitute:

"1.2.1.1 Voltage. For 115-volt units, this space shall be left blank. All other units shall be designated with the primary voltage specified in the applicable specification sheet."

1.2.1.3: Delete.

Page 2

Add following paragraph after 1.2.1.3:

"1.2.1.9 Impedance of input (primary element) winding. The impedance of the primary element shall be the nominal input impedance in multiples of 10 ohms. If the impedance is not exactly a whole number of tens, the next higher ten shall be used as illustrated below:

<u>Input impedance (ohms)</u>	<u>Code</u>
465	47
826	83
2033	204

2.1, delete:

"PPP-B-566	Boxes, Folding, Paper board.
PPP-B-636	Box, Fiberboard.
PPP-B-676	Boxes, Setup.
PPP-T-60	Tape: Pressure-Sensitive Adhesive, Waterproof, for Packaging.
PPP-T-76	Tape, Pressure-Sensitive Adhesive, Paper (for Carton Sealing).
MIL-P-116	Preservation, Methods of."

2.1, following "MIL-W-16878/4" and title, add:

"MIL-S-12134 Servo-Components, Precision Instruments, Rotating; Packaging of."

Page 3

3.3, delete in its entirety and substitute:

"3.3 First article. When required by the procuring activity, transolvers shall conform to the requirements specified herein and shall have met the first article inspection specified in 4.5 prior to regular production on a contract or order (see 6.6)."

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Page 12

3.7: Delete.

Page 15

TABLE I, second column from left: Insert "Test" before "Volts at rated freq".

Page 16

TABLE II, Group I: Delete "Variation of voltage and frequency, 3.7 and 4.7.3."

Page 19

4.7.3: Delete.

Page 22

4.7.6.3, second sentence: Change "two" to "three".

Page 31

4.7.14.1, first sentence: Change "20" to "30"; last sentence: Change "two" to "three" and "20" to "30".

Page 35

SECTION 5, delete in its entirety and substitute:

"5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall conform to MIL-S-12134."

Page 36

6.4.1, add the following sentence at the end of the second sentence: "When two shaft extensions exist, the one opposite the lead or terminal end shall be applicable for this definition."

Page 39

Custodians, Review activities, and preparing activity. Change "85" to "80". Add "EC" and "OS", and delete "AS" from Navy review activities. Delete "MU" from Army review activities.

Custodians:

**Army - MU
Navy - AS
Air Force - 80**

Preparing activity:

Air Force - 80

Agent:

DSA - ES

Review activities:

**Army - EL, MI, AT, AV
Navy - SH, EC, OS
Air Force - 11,
DSA - ES**

(Project 5990-0285)

User activities:

**Army - ME
Navy - CG, MC
Air Force - 17**