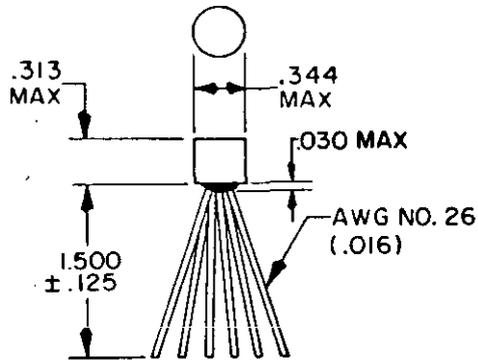


FED. SUP CLASS
5950User activities: Army MI
Navy MC, CG
Air Force 19Reviewer activities: Army EL, MU
Navy EC, SH
Air Force 11, 99, 17

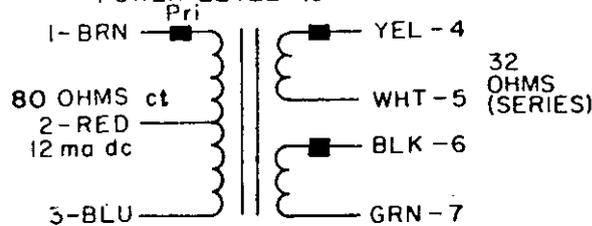
This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.



| INCHES | MM |
|--------|-------|
| .016 | .41 |
| .030 | .76 |
| .125 | 3.18 |
| .313 | 7.95 |
| .344 | 8.74 |
| 1.500 | 38.10 |

(B) CANCELED AFTER _____
USE MIL-T-27/144

CIRCUIT DIAGRAM AND MARKING

FREQUENCY RANGE 400 Hz TO 100 kHz
POWER LEVEL: .5 W MAXALTITUDE -150,000 FT
WORKING VOLTAGE-50V

SCHEMATIC

NOTES:

- Dimensions are in inches.
- Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.
- The number of terminals shall be as shown in schematic.
- Referenced document shall be of the issue in effect on date of invitation for bids.
- This standard takes precedence over document referenced herein.
- For vibration and shock test the specimen shall be rigidly mounted on a printed circuit board.
- The elevated temperature for thermal shock (step 3, method 107C, MIL-STD-202) shall be 85°C.

(B) DENOTES CHANGES

| | | | |
|--|---------------------------|--|------------------------------|
| P. A. Army-ER Other Cust AF-85 Navy-EC | International interest | TITLE TRANSFORMER, AUDIO FREQUENCY, SUB-MINIATURE, TYPE TF5R21ZZ | MILITARY STANDARD MS53225 |
| Procurement Specification MIL-I-27 | | SUPERSEDES: | PAGE 1 OF 3 |

DD FORM 1 SEP 63 672 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5950-0564 - I

APPROVED 6 FEB 73 REVISED (A) 29 April 1977 (B) 22 June 1979