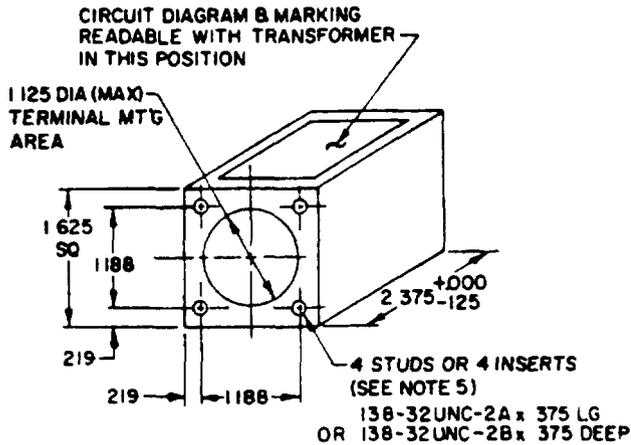


MILITARY SPECIFICATION SHEET

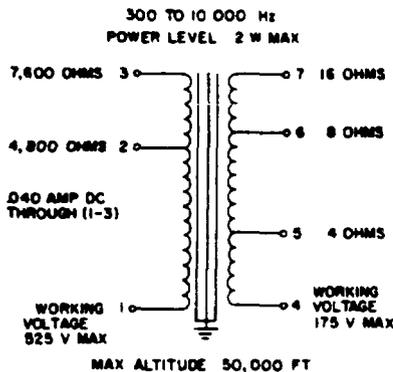
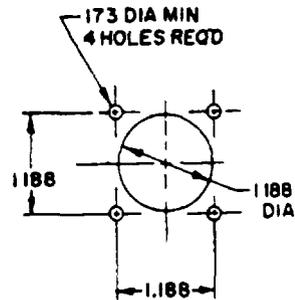
Ⓐ TRANSFORMER, AUDIO FREQUENCY, TF4R21AJ

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the transformer described herein shall consist of this document and the latest issue of Specification MIL-T-27.



MINIMUM CHASSIS CUTOUT



INCHES	MM
.125	3.18
.138	3.51
.219	5.56
.375	9.53
1.125	28.58
1.188	30.18
1.625	41.28
2.375	60.33

CIRCUIT DIAGRAM and marking

NOTES

- 1 Dimensions are in inches
2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm
- 3 Unless otherwise specified, tolerance on overall case dimensions is +.000 (.00 mm) -.063 (1.60 mm)
4. Tolerance on mounting dimensions is +.016 (.41 mm).
5. Inserts not recommended for new design.
6. Terminal arrangement optional within mounting area indicated.
7. When numbers in parentheses, e g (1-3), are used, they indicate the winding and the extreme terminals of the winding

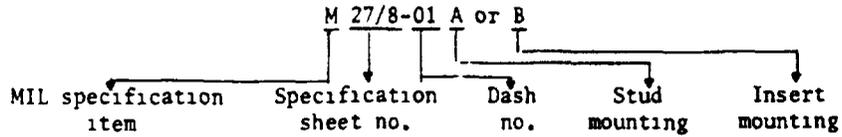
Ⓐ denotes change

Temperature rise: 20°C maximum, above an ambient of 85°C, with rated power at 300 Hz.

Vibration, high frequency: Method 204, test condition B.

Shock (specified pulse): Method 213, test condition I.

Part number example:



(For cross reference of MS part number to military part number, see table I.)

TABLE I. Cross reference.

Mounting	MS90005 ^a		M27/8	
	Dash no.	Type designation	Dash no.	(A) Type designation
Studs	-A	TF4RX13AJ002	-01A	TF4R21AJ
Inserts	-B	TF4RX13AJ002	-01B	TF4R21AJ

(A) NOTE: Qualification approval to MIL-T-27/8 shall be sufficient to grant qualification approval to MIL-T-27/3 through MIL-T-27/6.

Custodians:

Army - EL
Navy - EC
Air Force - 85

Review activities

Army - EL, MU
Navy - EC
Air Force - 11, 17, 99
DSA - ES

User activities:

Army - ME
Navy - MC, AS
Air Force - 19

Preparing activity:

Army - EL

Agent:

DSA - ES

(Project 5950-0533-5)

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c. Reason/Rationale for Recommendation

REMARKS

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