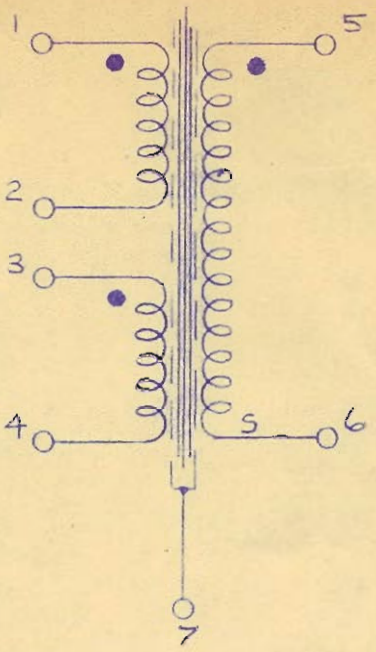
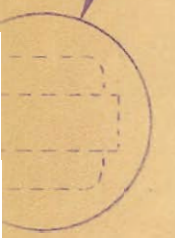
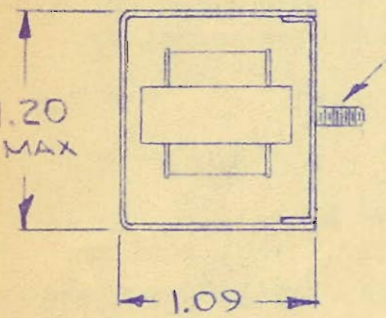
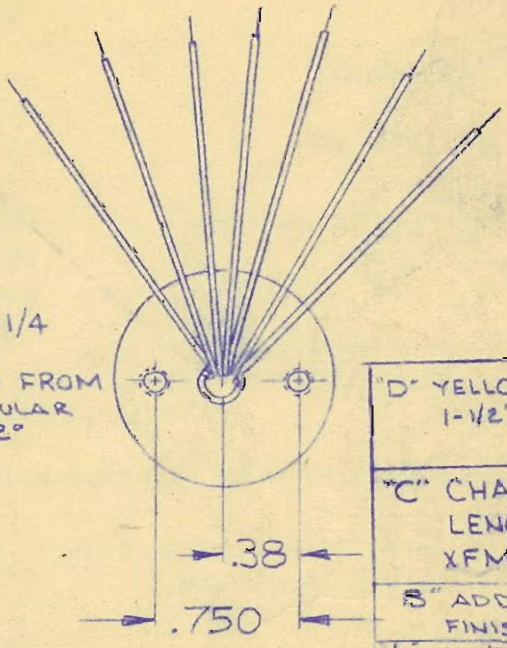
SCHEMATIC



MARK UREI PART NO.
B11178 INCLUDE DATE
AND SOURCE CODE







LEAD #	COLOR	LENGTH	STRIP + TIN
1	BROWN	1-1/2	1/4"
2	RED	1-1/2	1/4"
3	ORANGE	1-1/2	1/4"
4	YELLOW	1-5/8	1/4"
5	GREEN	1-1/2	1/4"
6	BLUE	1-1/2	1/4"
7	GRY	1-1/2	1/4"

"D" YELLOW WIRE WAS 1-1/2" LONG 10-4-71 JE

"C" CHANGED SCREW LENGTH, DIA. OF XFMR. WAS 1.25

"B" ADDED NOTE 6 FINISH WAS PAINT

A CHG'D DIMENSIONS

REVISIONS

UNITED RECORDING ELECTRONICS INDUSTRIES

LOS ANGELES CALIFORNIA

DEPARTMENT

TRANSFORMER INPUT

DATE 4-3-70

CHECKED JE

ISSUE MODEL

APPROVED DWG. NO. B11178D

ELECTRICAL:

1.	Frequency Response; With 150K secondary load	± .5 dB 30 - 15,000 Hz ± 1 dB 20 - 20,000 Hz
2.	Harmonic Distortion;	.5% @ Any frequency between 20 Hz and 20,000Hz @ 0 dBm input level .25% @ Any frequency between 30 Hz and 15,000 Hz @ 0 dBm input level strapped for 600 ohm source with 150K resistive load across secondary.
3.	Magnetic Shielding;	40 dB or better @ 60 Hz.
4.	Freq. Resp. Curve;	Must fall smoothly with no peaks or dips which fall outside of a 6 dB envelope constructed about the median response curve, with 150K secondary load
5.	Phase Shift;	90° max. @ 40,000 Hz and 45° max. from 20 Hz. to 20,000 Hz. with 150K secondary load.
6.	Primary Impedance;	150 ohms across pins 1 and 2 and 150 ohms across pins 4 and 3 with 15K resistive load across secondary.

MECHANICAL:

1. Transformer to be oriented in can as shown
2. BRIGHT TIN PLATE CAN & LID, mark as shown with permanent and legible black ink.
3. Screw threads and wire leads to be free of paint.
4. Leads must be capable of withstanding reasonable twisting and pulling consistent with good transformer fabrication practice.
5. Transformer windings shall not be filled with varnish or any potting material which will adversly affect high frequency response.
6. MTG. STUDS SHALL BE ELECTRICALLY CONDUCTIVE FROM ONE TO THE OTHER. (SOLDERED TO LID)