AUDIO TRANSFORMERS

80042 REV E

DESCRIPTION TRIAD telecommunications transformers are designed to meet the requirements for access over leased private lines or through the dial-up swithed telephone network. The TY series transformers are used for a variety of applications including: impedance matching, isolation, repeat coil, line balancing, bridging, and hybrid circuits.

DATA/VOICE COUPLING TRANSFORMERS

CT = CENTER TAP

TYPE NO.	IMPEDANCE (Ohms) PRI.	IMPEDANCE (Ohms) SEC.	MAX DC CURRENT (mA)	TYP. INSERTION LOSS (dB)	TYP. RETURN LOSS (dB)	TYP. FREQ. RESPONSE (dB)	SCHEMATIC	FIGURE
TY-305P	600	600	100	1.5	10	+/- .5	1	A
TY-306P	600 SPLIT	600	75	1.5	10	+/- .5	2	A
TY-307P	600	600	0	1.0	26	+/- .5	3	B
TY-310P	600	600	0	1.0	26	+/- .5	3	C
TY-311P	600	600	0	1.0	26	+/- .5	3	E
TY-304P	600 CT	600 CT	0	1.0	26	+/- .5	4	D
TY-301P	600	900	0	1.0	26	+/- .5	5	E
TY-303P	4000	600	0	1.0	26	+/- .5	6	E

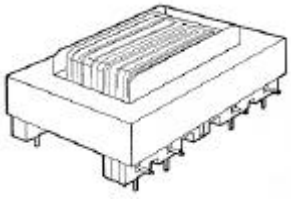


FIGURE A

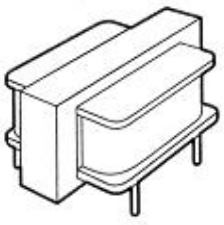


FIGURE B

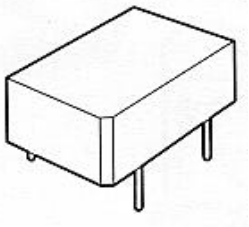


FIGURE C

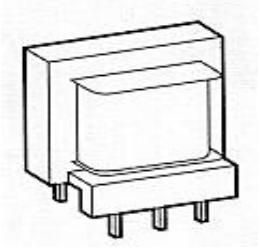


FIGURE D

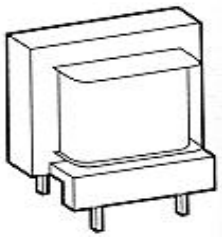
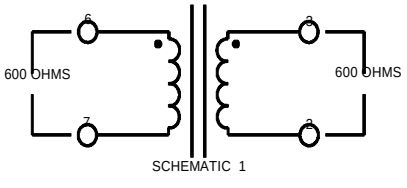
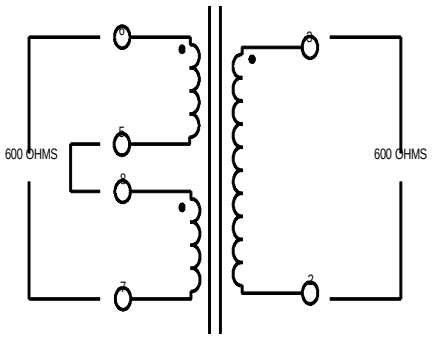


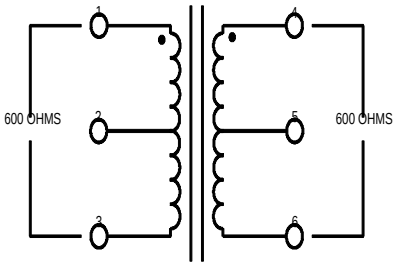
FIGURE E



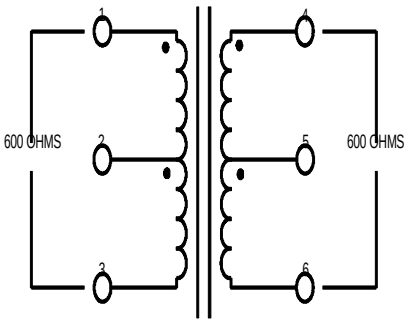
SCHEMATIC 1



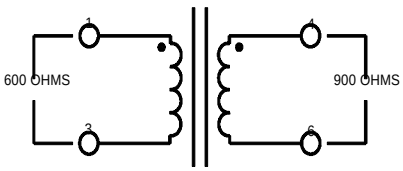
SCHEMATIC 2



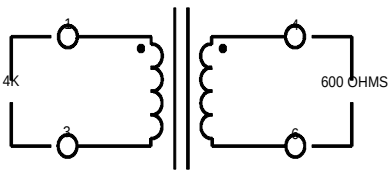
SCHEMATIC 3



SCHEMATIC 4



SCHEMATIC 5



SCHEMATIC 6

TECHMICAL NOTES:
1. Primary connections shown on left side of schematics.
2. "." refers to polarity

TRIAD MAGNETICS

AUDIO TRANSFORMERS 80042 REV E

Figure A

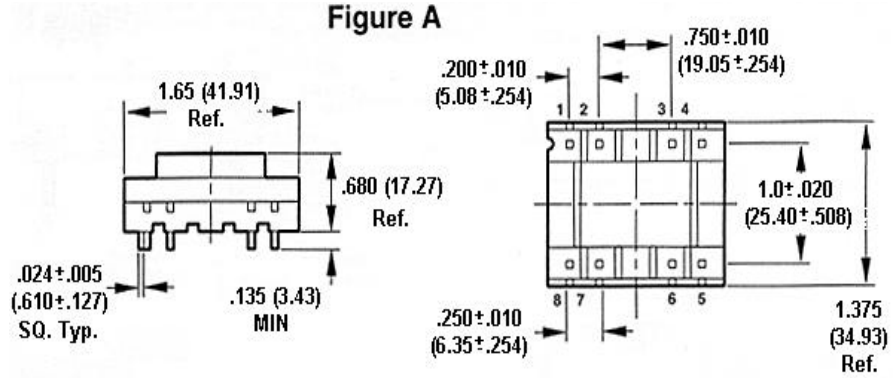


Figure B

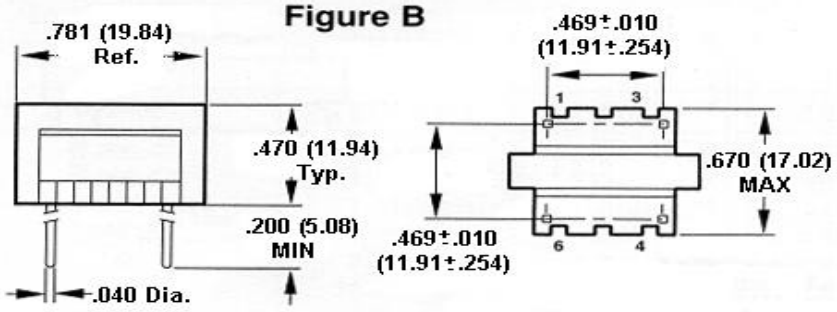


Figure C

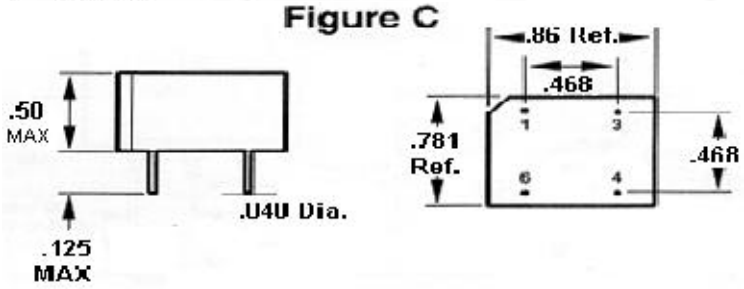


Figure D

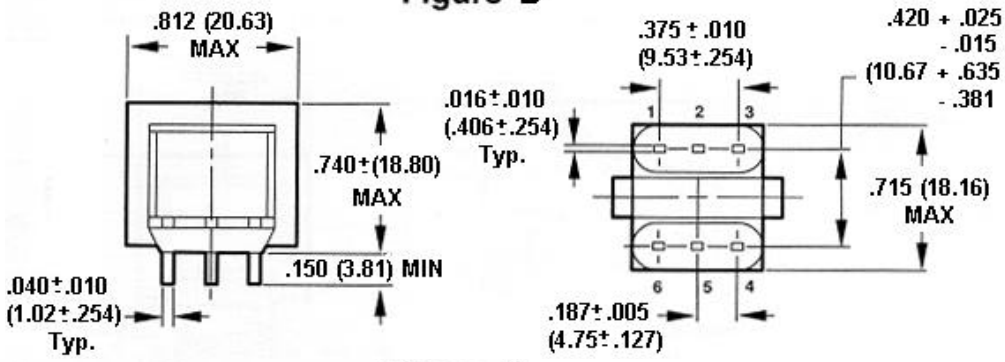


Figure E