

KS-12048 AUTOTRANSFORMER

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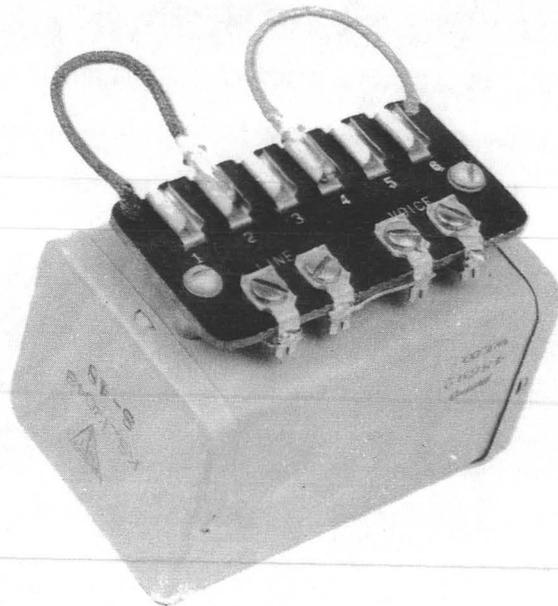


Fig. 1

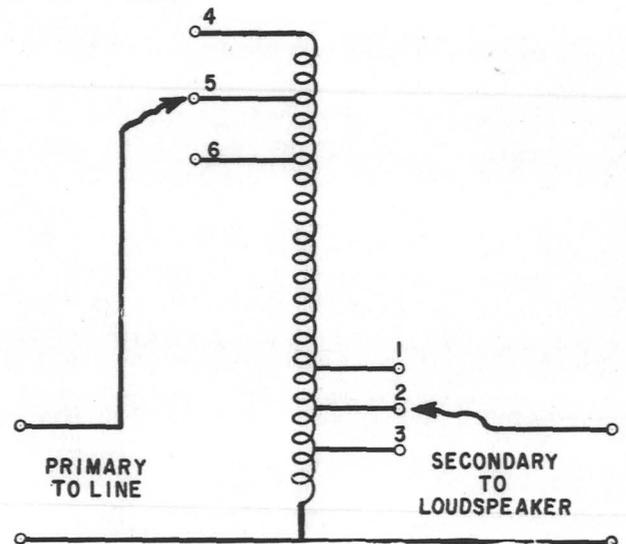


Fig. 2

TABLE 1

CONNECTIONS		
POWER (watts)	LINE TERMINAL	VOICE TERMINAL
8	6	1
4	6	2
2	5	1
1	5	2
1/2	4	1
1/4	4	2
1/8	4	3

1. GENERAL

1.01 The KS-12048 Autotransformer is designed to couple a loudspeaker to a 70-volt distribution line. It has a potted type case and a terminal board with solderless adjustable taps. The transformer is primarily designed for a 4-ohm speaker.

2. ELECTRICAL CHARACTERISTICS

MAXIMUM POWER OUTPUT		FREQUENCY RESPONSE
1/8 to 4 watts	(±0.4db)	50-15,000 cps
4 to 8 watts	(±0.5db)	50-15,000 cps
Insertion Loss	0.6db	

2.01 A 70-volt distribution line should be connected to the line terminals and a loudspeaker to the voice terminals. The transformer taps should be set so that the proper amount of power will be dissipated in the loudspeaker. The proper connections are indicated in the "Power" column of Table 1.

3. PHYSICAL CHARACTERISTICS

Dimensions: 2-1/4" deep, 2-3/4" wide (over terminal strip), 3-3/8" high
 Weight: 1-5/8 lbs.
 Mounting Centers: 2-1/8"
 Finish: Gray Enamel