

The operating characteristics of a 2- to 4-wire circuit are dependent upon components other than the coils. Typical 2- to 4-wire circuits shown below are designed to obtain maximum performance from the hybrid transformers.

TYPICAL CIRCUITS

Figure 1

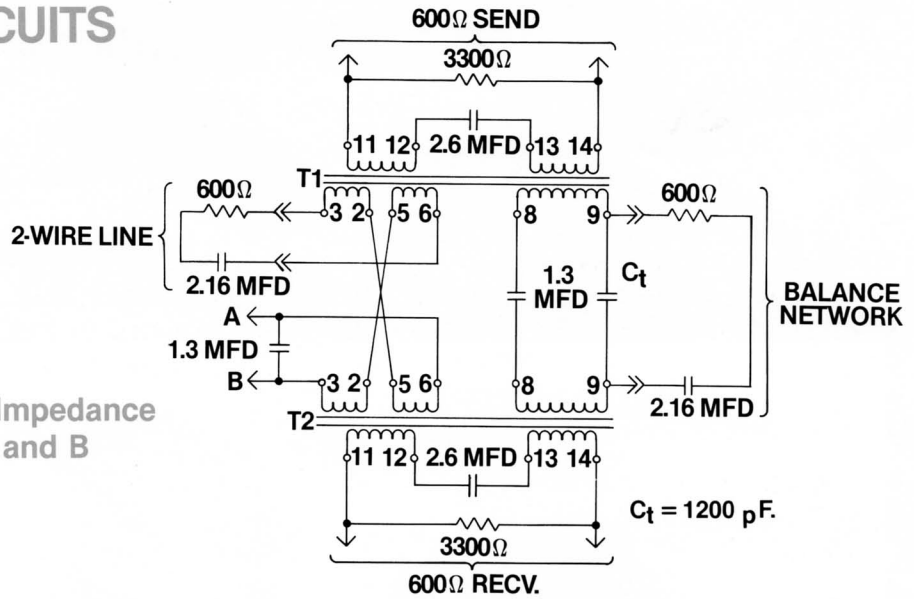


Figure 2

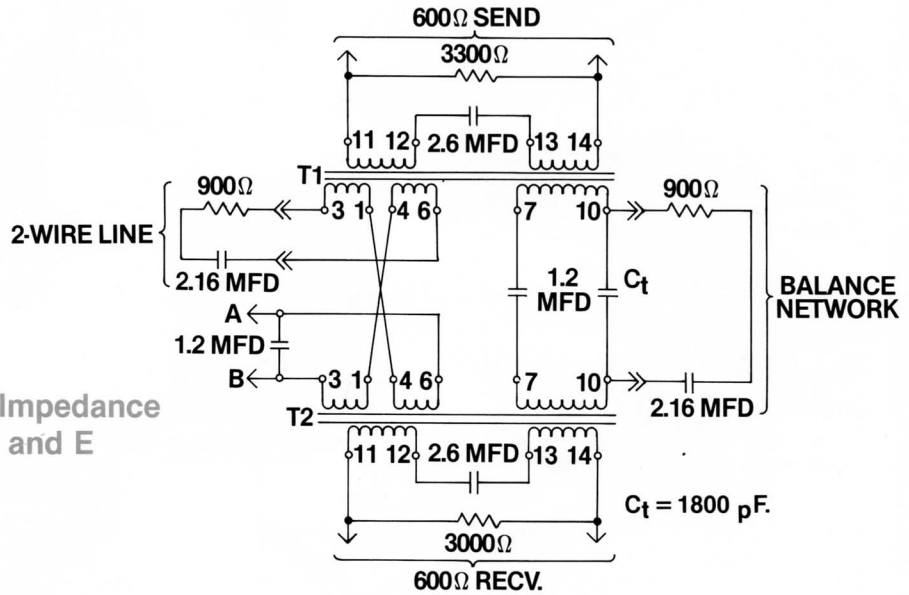
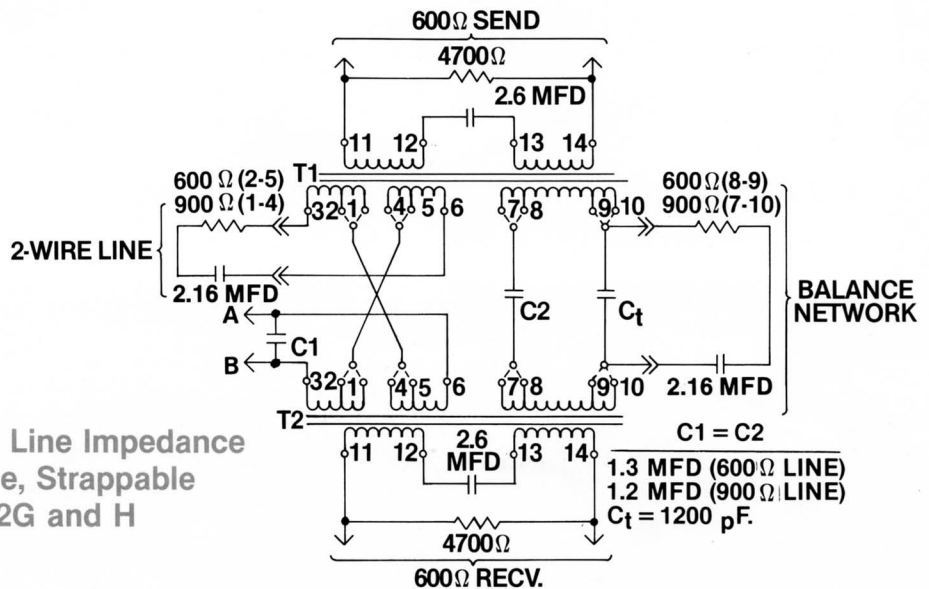


Figure 3



PACKAGE DIMENSIONS

Figure 4

Model 172A
Model 172D
Model 172G

Single Coil, Open Style Construction
Epoxy Impregnation,
4.6 oz [130.4g] maximum weight
Terminals, brass
with 60/40 tin-lead finish

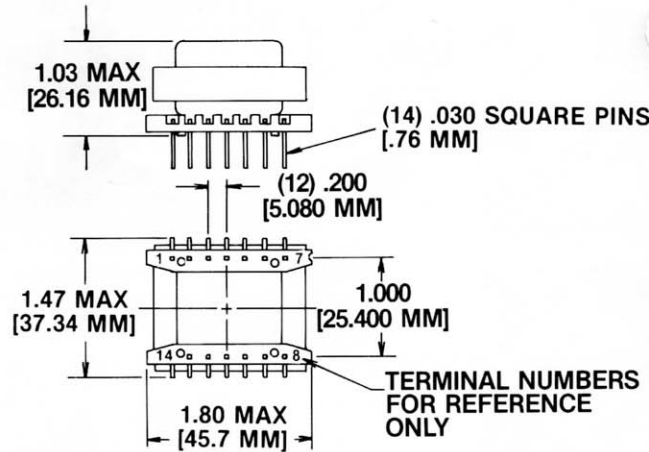
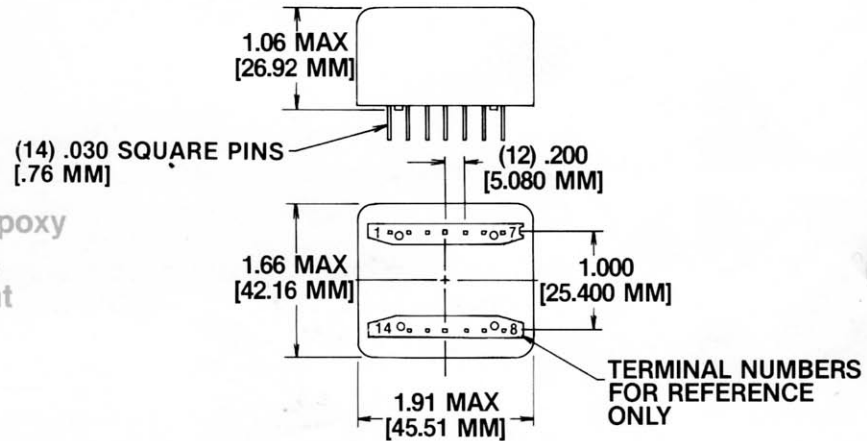


Figure 5

Model 172B
Model 172E
Model 172H

Single coil, Cased Construction, Epoxy
Potted, Tin Plated Steel Case,
6.9 oz [195.6g] maximum weight
Terminals, brass
with 60/40 tin-lead finish



ORDERING INFORMATION

Specify desired part number(s) as shown in the chart below. Note that two transformers are required to make a hybrid circuit.

ADC Number	2-Wire Impedance (ohms)	4-Wire Impedance (ohms)	Schematic	Package
172A	600	600	Figure 1	Figure 4
172B	600	600	Figure 1	Figure 5
172D	900	600	Figure 2	Figure 4
172E	900	600	Figure 2	Figure 5
172G	600/900	600	Figure 3	Figure 4
172H	600/900	600	Figure 3	Figure 5