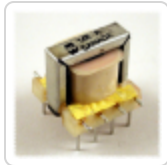


## Audio Open Frame 148 Serie

PC Board Mount



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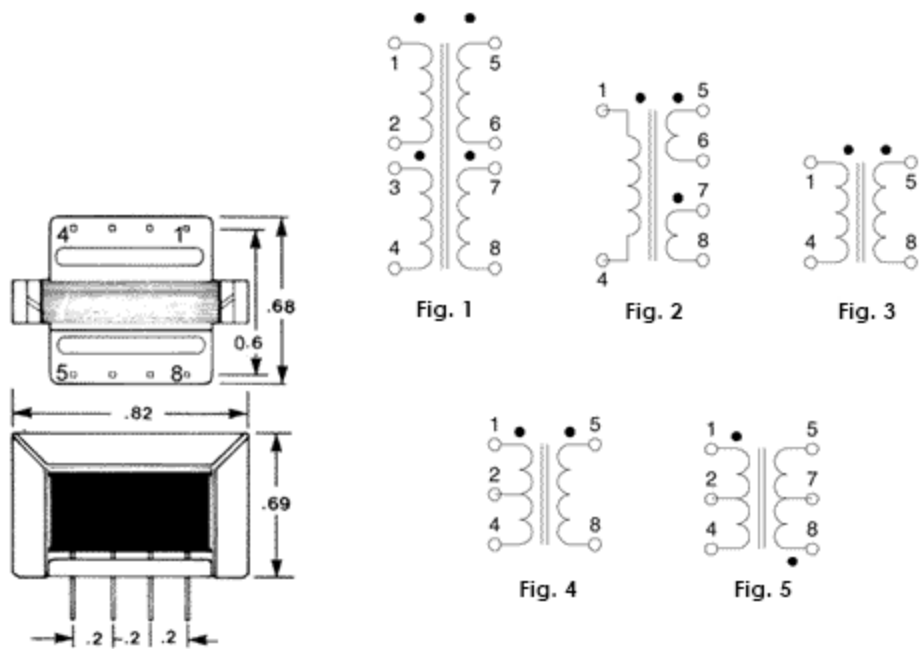
### Features

- Pin type (0.25" length & 0.025" square), P.C. board mount.
- Economical, open type, horizontal bracket construction. 149 Series includes clinching lugs for extra mounting strength.
- Frequency response 200 Hz. - 15 KHz. (+/- 1 db, ref. @ 1 KHz.).
- Total distortion approximately 2% for drivers and 1% for outputs at 200 Hz., decreasing at higher frequencies.
- Insertion loss less than 1/2 db.
- Bifilar wound for balanced capacitive and resistance characteristics, on pin bobbins for standard 0.2" grid pin spacing.
- Insulation test 250V rms.
- For rugged epoxy cast type units refer to our **102, 104, 106** or **107, 108** and **109** series.
- Net weight: 0.6 oz. (148 Series) & 1.0 oz. (149 Series).

### Notes:

- 1) For output transformers the current figure is for maximum unbalanced current.
- 2) D.C. resistance shown is for the total primary or secondary windings (ie...if unit contains multiple primary or secondary windings the figure shown is with the windings connected in series).
- 3) Pins are not labeled on the units, but **a dot indicates the position of pin 1**. The rest of the pins can be determined after reviewing the schematic below.

## 148 Series Schematics (See Table Below)



| Part No. | Applicaton | Nominal Impedance (Ohms) |           | Max. Primary D.C. current (ma.) (See Note 1) | D.C. Resistance (Ohms) +/- 15% (See Note 2) |           | Output (Milliwatts) | Schematic Drawing Figure |
|----------|------------|--------------------------|-----------|--|---|-----------|---------------------|--------------------------|
|          |            | Primary                  | Secondary |  | Primary                                     | Secondary |                     |                          |
| 148A     | Input      | 150/600                  | 600/2400  | 1.9  | 45  | 300       | 300                 | 1                        |
| 148B     | Input      | 150                      | 400/1600  | 3.8  | 11.3  | 200       | 300                 | 2                        |
| 148C     | Input      | 50000                    | 250/1000  | 0  | 1760  | 25.4      | 12                  | 2                        |
| 148D     | Input      | 200K                     | 1000      | 0  | 1760  | 6.2       | 3                   | 3                        |
| 148E     | Driver     | 500                      | 125/500   | 18   | 79  | 60        | 75                  | 2                        |
| 148F     | Driver     | 1500                     | 125/500   | 11.6   | 220   | 58        | 75                  | 2                        |
| 148H     | Driver     | 3000                     | 250/1000  | 7.5  | 480   | 107       | 75                  | 2                        |
| 148K     | Driver     | 4000                     | 500/2000  | 6.5  | 540   | 230       | 75                  | 2                        |
| 148M     | Driver     | 6000                     | 500/2000  | 5.3  | 850   | 230       | 75                  | 2                        |
| 148Q     | Driver     | 10000                    | 500/2000  | 4.1  | 1700  | 238       | 75                  | 2                        |
| 148R     | Driver     | 20000                    | 250/1000  | 2.4  | 2230  | 123       | 50                  | 2                        |
| 148T     | Output     | 500 ct                   | 3.2       | 2.1  | 41  | 0.34      | 300                 | 4                        |
| 148V     | Output     | 600 ct                   | 150 ct    | 1.9  | 45  | 14        | 300                 | 5                        |
| 148X     | Output     | 4000 ct                  | 3.2       | 0.8  | 380   | 0         | 300                 | 4                        |
| 148Y     | Output     | 5000 ct                  | 500 ct    | 0.7  | 410   | 52        | 300                 | 5                        |

Tags: audio transformer, open frame, pin, PCB mount, board mound

*Datos sujetos a cambios sin previo aviso.*