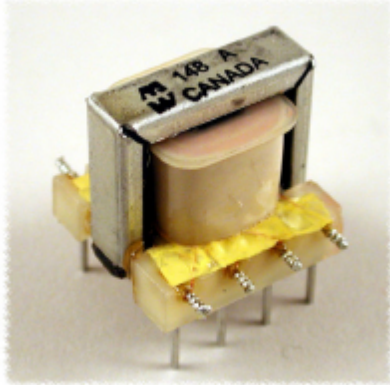




Quality Products. Service Excellence.

# Audio Open Frame 148 Series

PC Board Mount



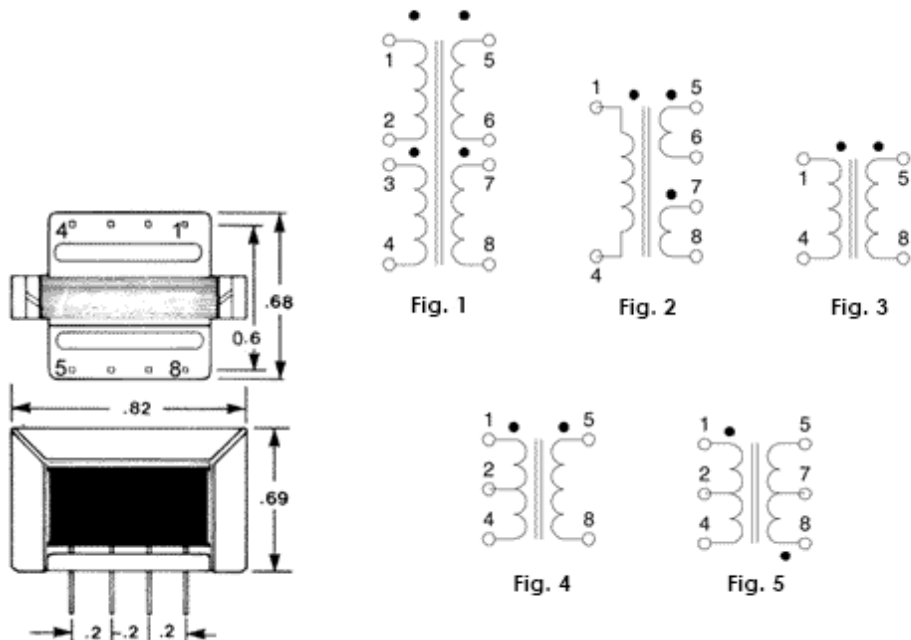
## Features

- 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).

## 148 Series Schematics (See Table Below)



| Part No. | Applicaton | Nominal Impedance | Max. Primary D.C. current | D.C. Resistance (Ohms) +/- 15% | Output | Schematic |
|----------|------------|-------------------|---------------------------|--------------------------------|--------|-----------|
|----------|------------|-------------------|---------------------------|--------------------------------|--------|-----------|

| Part No. | Applicaton | (Ohms)  |           | Max. (r) Primary<br>(See Note 1) | D. (See Note 2) |           | Output<br>(Milliwatts) | Drawing<br>Schematic |
|----------|------------|---------|-----------|----------------------------------|-----------------|-----------|------------------------|----------------------|
|          |            | Primary | Secondary |                                  | Primary         | Secondary |                        |                      |
|          |            | (Ohms)  |           | (ma.)                            | (See Note 2)    |           |                        | Drawing              |
|          |            | Primary | Secondary | (See Note 1)                     | Primary         | Secondary | (Milliwatts)           | Figure               |
| 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                    |

Data subject to change without notice

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