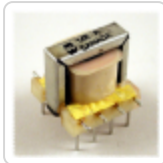




Quality Products. Service Excellence.

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).
- 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)

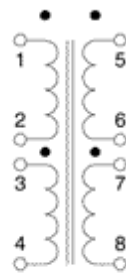
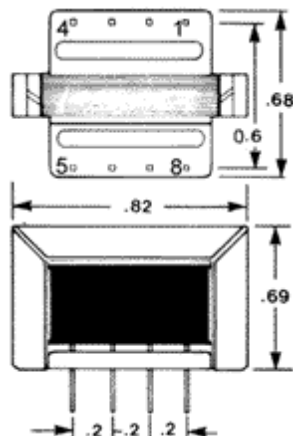


Fig. 1

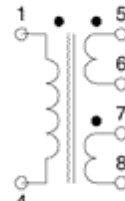


Fig. 2

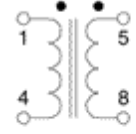


Fig. 3

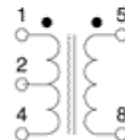


Fig. 4

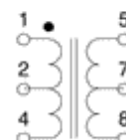


Fig. 5

| 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**

Data subject to change without notice

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