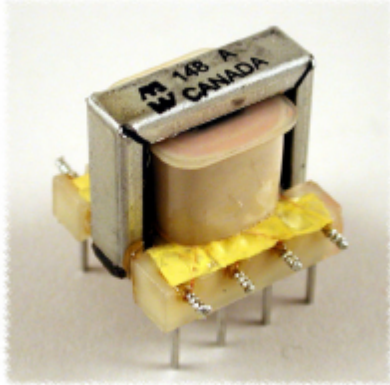




Quality Products. Service Excellence.

Audio Open Frame 148 Series

PC Board Mount



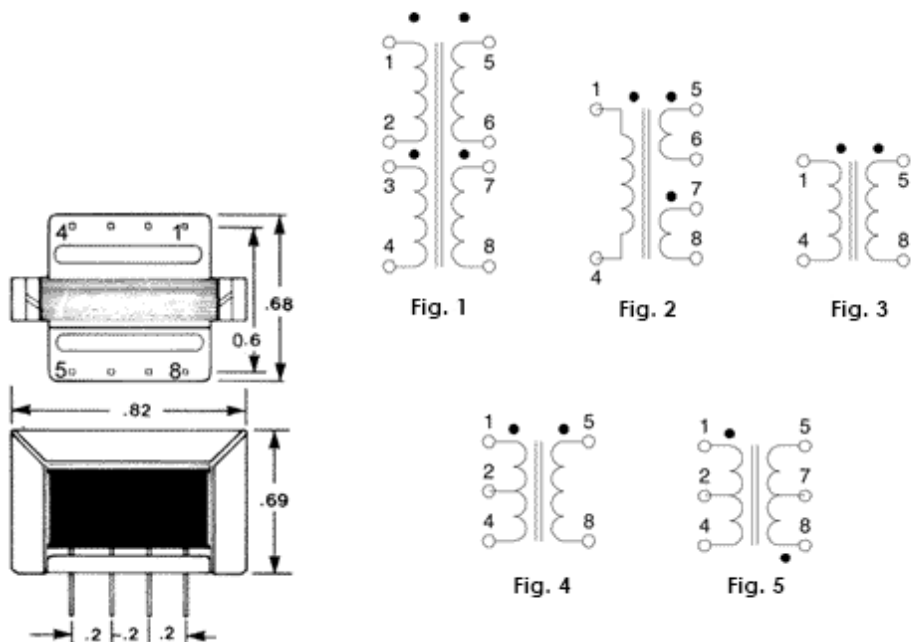
Features

- 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 (See Note 1) | D. (See Note 2) | | Output (Milliwatts) | Drawing 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

© 2019. Hammond Manufacturing Ltd. All rights reserved.