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# Miniature Audio Epoxy Potted 104 Series

PC Board Mount

## Features



- Output power models from 5 to 1,500 milliwatt level available.
- P.C. board mount - square pin type (0.025" square typical)
- Bifilar winding technique used on center tapped units for balanced resistive and capacitive characteristics.
- Rugged black epoxy potted construction produces a completely sealed unit withstanding severe environmental conditions including those of MIL-T-27 (Grade 5, Class S).
- For the more economical open type P.C. mount types please refer to the 148 and 149 series.
- Peak working voltage rating of: 200V
- Referring to figures 1-9, if connection is not used - no pin will exist.
- Pin length is 0.11" +/-15%



## Gallery



| Part No. | Typical Application | Nominal Impedance (Ohms) |           | Max. Primary D.C. ma. (*1) | D.C. Resistance (Ohms) +/- 15% |           | Output Milliwatts (*2) | Insertion Loss db (*3) | Low Frequency Roll Off -1 db (Hz.) (*4) | Drawing Figure |
|----------|---------------------|--------------------------|-----------|----------------------------|--------------------------------|-----------|------------------------|------------------------|-----------------------------------------|----------------|
|          |                     | Primary                  | Secondary |                            | Primary                        | Secondary |                        |                        |                                         |                |
| 104B     | Input               | 150                      | 80000     | 0                          | 6.6                            | 3730      | 5                      | 1                      | 60                                      | 5              |
| 104H     | Interstage          | 10000                    | 2,000 ct  | 3.2                        | 675                            | 89        | 35                     | 1                      | 200                                     | 6              |
| 104K     | Interstage          | 20000                    | 1,000 ct  | 3.2                        | 790                            | 125       | 35                     | 1                      | 200                                     | 6              |
| 104L     | Interstage          | 25000                    | 600 ct    | 2                          | 1890                           | 50        | 35                     | 1                      | 200                                     | 6              |
| 104Q     | Output              | 500 ct                   | 3.2       | 6                          | 27                             | 0.4       | 500                    | 1                      | 200                                     | 3              |
| 104R     | Output              | 500 ct                   | 8         | 6                          | 27                             | 0.9       | 500                    | 1                      | 200                                     | 3              |
| 104S     | Output              | 600 ct                   | 150 ct    | 6                          | 47                             | 10.6      | 500                    | 1                      | 200                                     | 4              |
| 104SL    | Output              | 600 ct                   | 150 ct    | 6                          | 46                             | 10.3      | 500                    | 1                      | 200                                     | SEE DWG        |

Tags: audio transformer, potted, miniature, PCB mount, epoxy, interstage, input, output, bifilar winding

Data subject to change without notice

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