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## Miniature Audio Epoxy Potted 106 Series

### PC Board Mount

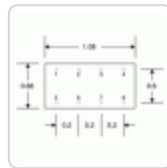
#### Features



- Output power models from 5 to 1,500 milliwatt level available.
- P.C. board mount - square pin type (0.025" square typical) - see mechanical information below for lengths.
- 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.



#### 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 |                        |                        |                                         |                |
| 106C     | Input               | 50000                    | 1,500 ct  | 0                          | 2400                           | 52        | 10                     | 1                      | 60                                      | 7              |
| 106E     | Input               | 600 ct                   | 600       | 9                          | 65                             | 83        | 500                    | 1                      | 150                                     | 8              |
| 106EE    | Input               | 600 ct                   | 600 ct    | 9                          | 65                             | 83        | 500                    | 1                      | 150                                     | 9              |
| 106G     | Interstage          | 4000                     | 600 ct    | 10                         | 340                            | 24        | 150                    | 1                      | 215                                     | 7              |
| 106H     | Interstage          | 4000                     | 2,600 ct  | 10                         | 340                            | 100       | 150                    | 1                      | 215                                     | 7              |
| 106J     | Interstage          | 10000                    | 2,000 ct  | 6.5                        | 700                            | 89        | 150                    | 1                      | 215                                     | 7              |
| 106M     | Interstage          | 20000                    | 2,000 ct  | 4.5                        | 1180                           | 89        | 150                    | 1                      | 215                                     | 7              |
| 106Q     | Output              | 48 ct                    | 3.2       | 32                         | 2.4                            | 0.3       | 1500                   | 1                      | 170                                     | 8              |
| 106R     | Output              | 48 ct                    | 8         | 32                         | 2.4                            | 0.7       | 1500                   | 1                      | 170                                     | 8              |
| 106S     | Output              | 100 ct                   | 3.2       | 22                         | 4.4                            | 0.3       | 1500                   | 1                      | 170                                     | 8              |
| 106T     | Output              | 100 ct                   | 8         | 22                         | 4.4                            | 0.7       | 1500                   | 1                      | 170                                     | 8              |
| 106V     | Output              | 250 ct                   | 8         | 14                         | 11                             | 0.7       | 1500                   | 1                      | 170                                     | 8              |
| 106W     | Output              | 500 ct                   | 3.2       | 10                         | 26                             | 0.3       | 1500                   | 1                      | 170                                     | 8              |
| 106X     | Output              | 500 ct                   | 8         | 10                         | 26                             | 0.7       | 1500                   | 1                      | 170                                     | 8              |

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

Data subject to change without notice

