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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

