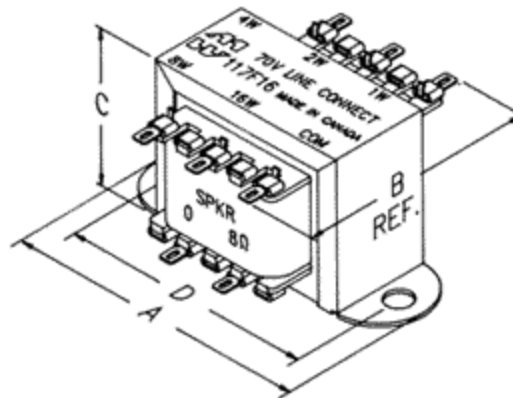


## Audio Sound Distribution Line Matching *117 Series*

### Features



- Couple 3.2, 8 or 16 ohm speakers to 25 or 70 volt line outputs of amplifiers.
- Up to 5 power tap levels available (except 117F2 which has 4).
- Primary taps marked in watts (no calculation necessary), to match speaker power.
- For speaker matching from older "Classic" 600 Ohm equipment - check out our **119DA** matching transformer.
- Frequency response 100 Hz. to 9 Khz. (1 db. reference @1 Khz.)
- Insertion loss less than 2 db.
- Distortion is less than 1.25% @ 100 Hz. at maximum power.
- Horizontal, channel bracket, 2-hole (.187" dia.) mounting.
- All models have solder lugs, also suitable for slip on jumper connections.
- Total power requirements of speakers should not exceed the rated power of each transformer or rated power of the amplifier.



| Part No. | System Volts | Power Rating (Watts) | Audio Power Taps  | Voice Coil Impedance (Ohms) | Mounting Centers | Wt. ( lbs.) | Overall Dimensions |      |      |      |
|----------|--------------|----------------------|-------------------|-----------------------------|------------------|-------------|--------------------|------|------|------|
|          |              |                      |                   |                             |                  |             | A                  | B    | C    | D    |
| 117F2    | 70           | 2                    | 2, 1, 1/2, 1/4    | 8                           | 2.00             | 0.5         | 2.38               | 1.38 | 1.38 | 2.00 |
| 117E4    | 70           | 4                    | 4, 2, 1, 1/2, 1/4 | 3.2                         | 2.38             | 0.6         | 2.81               | 1.50 | 1.69 | 2.38 |
| 117F4    | 70           | 4                    | 4, 2, 1, 1/2, 1/4 | 8                           | 2.38             | 0.6         | 2.81               | 1.50 | 1.69 | 2.38 |
| 117E8    | 70           | 8                    | 8, 4, 2, 1, 1/2   | 3.2                         | 2.81             | 0.9         | 3.25               | 1.75 | 2.00 | 2.81 |
| 117F8    | 70           | 8                    | 8, 4, 2, 1, 1/2   | 8                           | 2.81             | 0.9         | 3.25               | 1.75 | 2.00 | 2.81 |
| 117E16   | 70           | 16                   | 16, 8, 4, 2, 1    | 3.2                         | 3.13             | 1.5         | 3.69               | 2.00 | 2.31 | 3.13 |
| 117F16   | 70           | 16                   | 16, 8, 4, 2, 1    | 8                           | 3.13             | 1.5         | 3.69               | 2.00 | 2.31 | 3.13 |
| 117G16   | 70           | 16                   | 16, 8, 4, 2, 1    | 16                          | 3.13             | 1.5         | 3.69               | 2.00 | 2.31 | 3.13 |
| 117F32   | 70           | 32                   | 32, 16, 8, 4, 2   | 8                           | 3.56             | 2.3         | 4.03               | 2.25 | 2.63 | 3.56 |
| 117J4    | 25           | 4                    | 4, 2, 1, 1/2, 1/4 | 3.2                         | 2.38             | 0.6         | 2.81               | 1.50 | 1.69 | 2.38 |
| 117K4    | 25           | 4                    | 4, 2, 1, 1/2, 1/4 | 8                           | 2.38             | 0.6         | 2.81               | 1.50 | 1.69 | 2.38 |
| 117J8    | 25           | 8                    | 8, 4, 2, 1, 1/2   | 3.2                         | 2.81             | 0.6         | 3.25               | 1.75 | 2.00 | 2.81 |
| 117K8    | 25           | 8                    | 8, 4, 2, 1, 1/2   | 8                           | 2.81             | 0.6         | 3.25               | 1.75 | 2.00 | 2.81 |
| 117K16   | 25           | 16                   | 16, 8, 4, 2, 1    | 8                           | 3.13             | 1.5         | 3.69               | 2.00 | 2.31 | 3.13 |
| 117K32   | 25           | 32                   | 32, 16, 8, 4, 2   | 8                           | 3.56             | 2.3         | 4.03               | 2.25 | 2.63 | 3.56 |

