

## audio transformers (high performance)



## PCB MOUNTING MINIATURE

A range of high quality, industry standard, audio frequency transformers, enclosed in ABS cases.

Specifically designed for direct printed circuit board mounting on a 0.1 inch grid.

Each transformer is constructed with dual windings on the primary and secondary providing a wide range of impedance matching ratios to suit many input, interstage and output applications.

A foil screen is provided between the primary and secondary windings and the transformer are rated at 100mW at 300 Hz and 1mW at 30 Hz (less than 1% T.H.D.)

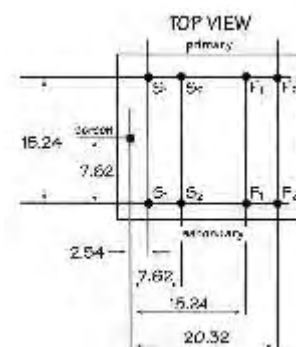
An optional Mu-metal screening can, is available if required. P/N A262CAN)



Transformer W28 H22 D23mm



Mumetal Can W29 H23 D24mm



| Ratio                                                            | 6.3+6.3:1+1       |                    | 1+1:2+2            |                    | 1+1:6.45+6.45                                                                                                                                          |                   |
|------------------------------------------------------------------|-------------------|--------------------|--------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|                                                                  | PRI               | SEC                | PRI                | SEC                | PRI                                                                                                                                                    | SEC               |
| Part No.                                                         | A262A1E           |                    | A262A2E            |                    | A262A3E                                                                                                                                                |                   |
| Impedance                                                        | 150               | 3.75+              | 150+               | 600+               | 150+                                                                                                                                                   | 6.25+             |
| Individual windings                                              | 150 $\Omega$      | 3.75 $\Omega$      | 150 $\Omega$       | 600 $\Omega$       | 150 $\Omega$                                                                                                                                           | 6.25k $\Omega$    |
| Series Connected                                                 | 600 $\Omega$ C.T. | 15 $\Omega$ C.T.   | 600 $\Omega$ C.T.  | 2.4k $\Omega$ C.T. | 600 $\Omega$ C.T.                                                                                                                                      | 25k $\Omega$ C.T. |
| Parallel Connected                                               | 150 $\Omega$      | 3.75 $\Omega$      | 150 $\Omega$       | 600 $\Omega$       | 150 $\Omega$                                                                                                                                           | 6.25 $\Omega$     |
| d c Resistance                                                   | 10+10 $\Omega$    | 0.36+0.36 $\Omega$ | 10+10 $\Omega$     | 55+55 $\Omega$     | 9.6+9.6 $\Omega$                                                                                                                                       | 535+605 $\Omega$  |
| Frequency Range (+1.5db)                                         | 30Hz - 30kHz      |                    | 30Hz - 35kHz       |                    | 30Hz - 25kHz                                                                                                                                           |                   |
| Proof test voltage : primary to secondary and windings to screen | 1 kV              |                    | 1 kV               |                    | 1 kV                                                                                                                                                   |                   |
| Ratio                                                            | 1+1:1+1           |                    | 1+1:1+1            |                    | This range of transformers is also available with the Mu metal screening can fitted and may be ordered by replacing the suffix 'E' with the suffix 'C' |                   |
|                                                                  | PRI               | SEC                | PRI                | SEC                |                                                                                                                                                        |                   |
| Part No.                                                         | A262A6E           |                    | A262A7E            |                    |                                                                                                                                                        |                   |
| Impedance                                                        | 150+              | 150+               | 600+               | 600+               |                                                                                                                                                        |                   |
| Individual windings                                              | 150 $\Omega$      | 150 $\Omega$       | 600 $\Omega$       | 600 $\Omega$       |                                                                                                                                                        |                   |
| Series Connected                                                 | 600 $\Omega$ C.T. | 600 $\Omega$ C.T.  | 2.4k $\Omega$ C.T. | 2.4k $\Omega$ C.T. |                                                                                                                                                        |                   |
| Parallel Connected                                               | 150 $\Omega$      | 150 $\Omega$       | 600 $\Omega$       | 600 $\Omega$       |                                                                                                                                                        |                   |
| d c Resistance                                                   | 15+15 $\Omega$    | 20+20 $\Omega$     | 42+42 $\Omega$     | 58+58 $\Omega$     |                                                                                                                                                        |                   |
| Frequency Range (+1.5db)                                         | 30Hz - 30kHz      |                    | 30Hz - 35kHz       |                    |                                                                                                                                                        |                   |
| Proof test voltage : primary to                                  | 1 kV              |                    | 1 kV               |                    |                                                                                                                                                        |                   |

|                                     |  |  |  |
|-------------------------------------|--|--|--|
| secondary and<br>windings to screen |  |  |  |
|-------------------------------------|--|--|--|