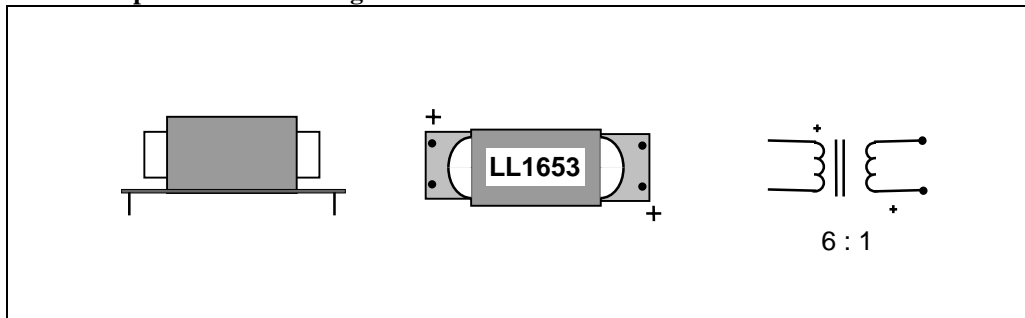


## Inline Style Microphone Transformer LL1653

LL1653 is a very small size microphone output transformer. The transformer has an amorphous strip core and is built up from two coils, each with both a primary and a secondary winding.

|                              |                               |
|------------------------------|-------------------------------|
| <b>Turns ratio:</b>          | 6 : 1                         |
| <b>Dims:</b>                 |                               |
| <b>Length</b>                | 35mm                          |
| <b>Width</b>                 | 15 mm (max)                   |
| <b>Height above PCB</b>      | 12 mm (max)                   |
| <b>Distance between pins</b> | 5.08 x 30.48 mm (0.2" x 1.2") |

**Side and top views and winding schematics:**



|  |                        |
|--|------------------------|
| <b>Static resistance of primary:</b>                           | 560 $\Omega$           |
| <b>Static resistance of secondary:</b>                         | 32 $\Omega$            |
| <b>Core:</b>   | Amorphous strip core   |
| <b>Max primary level:</b>                                      | approx 9 volts @ 50 Hz |
| <b>Isolation between windings / between windings and core:</b> | 3 kV/1.5 kV            |