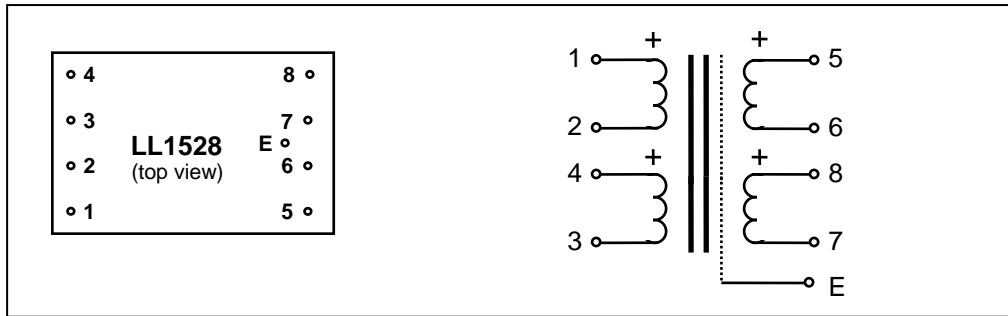


Microphone Input Transformer LL1528

LL1528 is a microphone input transformers built up from two coils, each with one primary and one secondary section separated by a electrostatic shield. The core is a high permeability mu-metal core, and the transformer is housed in a mu-metal can.

Turns ratio: 1 + 1 : 2.5 + 2.5
Dimensions (Length x Width x Height above PCB (mm)): 38 x 24 x 17
Pin layout (viewed from component side) and winding schematics:



Spacing between rows of pins:	27.94 mm (1.1")
Spacing between pins in a row	5.08 mm (0.2")
Offset of earth pin from adjacent row:	2.54 mm (0.1")
Weight:	46 g
Rec. PCB hole diameter:	1.5 mm
Static resistance of each primary:	42 Ω
Static resistance of each secondary:	450 Ω
Distortion (primaries connected in parallel, source impedance 200 Ω):	+ 0 dBU primary level, 50 Hz: 0.2 % + 10 dBU primary level, 50 Hz: 1 %
Self resonance point :	> 80 kHz
Optimum termination for best square-wave response (Connection 1:5, source imp. 200Ω) :	9 kΩ in series with 3 nF
Frequency response (source and load as above):	10 Hz - 40 kHz +/- 0.3 dB
Isolation between windings/ between windings and shield:	4 kV / 2 kV

