

# AB LARS LUNDAHL

Tibeliusgatan 7  
S-761 50 NORRTÄLJE  
SWEDEN

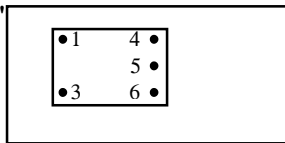
Phone: Int +46-176 139 30  
Nat 0176-139 30

Fax: Int +46-176 139 35  
Nat 0176-139 35

## Pulse Transformer LL9703

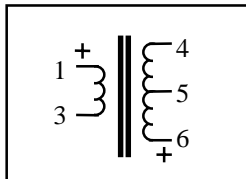
LL9703 is a pulse transformer designed for digital audio. The transformer LL9703 has low copper resistance, high signal tolerance and low internal capacitance.

**Turns ratio:** 1:1  
**Dims: (Length x Width x Hight above PCB (mm))** 15 x 10 x 9  
**Pin Layout:** (Viewed from pins side)



**Spacing between pins:** 2.54 mm (0.1")  
**Spacing between rows of pins:** 10.16 mm (0.4")  
**Rec. PCB hole diameter:** 1.5 mm  
**Weight** 2 grams

**Windings schematic:**



**Core** Amorphous core material  
**Static resistance of primary:** 1  $\Omega$   
**Static resistance of secondary:** 1  $\Omega$   
**Maximum signal\* time before saturation:** 200uVs (at 8 volts p-p)  
**Signal delay** approx. 20 ns  
**Isolation between windings:** 2 kV  
**Source impedance :** 50 -- 500  $\Omega$