

## Video Isolation Transformer LL1575

LL1575 is a high bandwidth video isolation transformer for CCTV (closed circuit television). Due to the very wide bandwidth required in CCTV applications, the LL1575 is wound with a special, bifilar winding technique and uses our unique amorphous strip core.

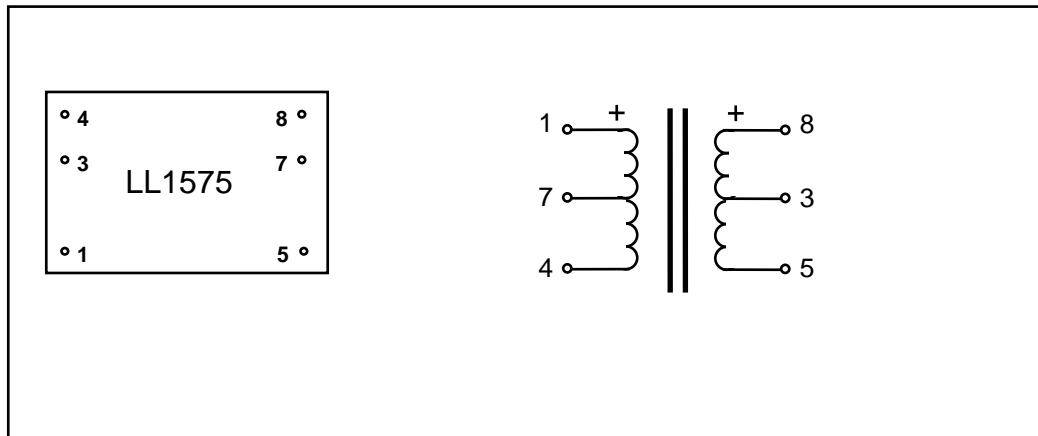
**Turns ratio:**

1 : 1

**Dims (Length x Width x Height above PCB (mm)):**

29 x 22 x 14 mm

**Pin layout (top view) and winding schematics:**



**Spacing between pins:**

5.08 mm (0.2")

**Spacing between rows of pins:**

22.86 mm (0.9")

**Weight:**

22 g

**Rec. PCB hole diameter:**

1.5 mm

**Static resistance of primary:**

4.5  $\Omega$

**Static resistance of secondary :**

4.5  $\Omega$

**Signal loss (source 75 $\Omega$  , load 75 $\Omega$ )**

0.5 dB

**Primary no-load impedance (300 Hz, 7V rms)**

> 3.5 k $\Omega$

**Frequency response**

(1V p-p sinus. Source 75 $\Omega$  , load 75 $\Omega$ ):

20 Hz - 11 MHz +0 /- 3 dB

**Isolation between primary and secondary windings:**

2 kV rms

### Suggested connection for galvanic isolation of video signal

