

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.

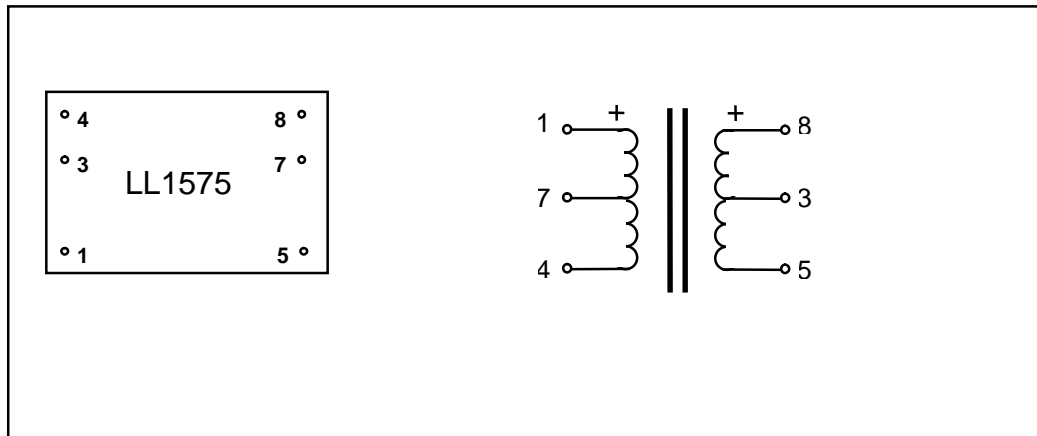
Turns ratio:

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 Ω

Static resistance of secondary :

4.5 Ω

Signal loss (source 75 Ω , load 75 Ω)

0.5 dB

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

> 3.5 k Ω

Frequency response

(1V p-p sinus. Source 75 Ω , load 75 Ω):

20 Hz - 11 MHz +0 /- 3 dB

Isolation between primary and secondary windings:

2 kV rms

Suggested connection for galvanic isolation of video signal

