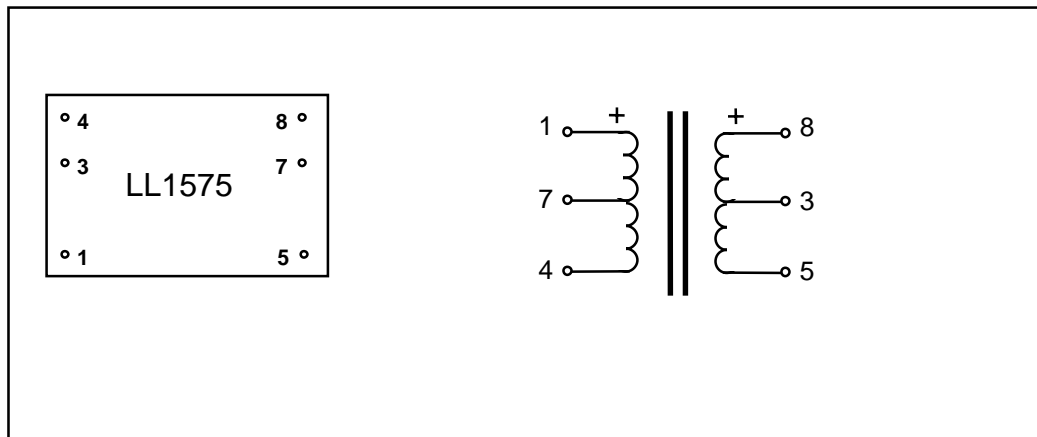


Video Isolation Transformer LL1575

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)): 28 x 21 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 75Ω , load 75Ω) 0.5 dB
Primary no-load impedance (300 Hz, 7V rms) > 3.5 kΩ
Frequency response
 (1V p-p sinus. Source 75Ω , load 75Ω): 20 Hz - 11 MHz +0 /- 3 dB
Isolation between primary and secondary windings: 2 kV rms

Suggested connection for galvanic isolation of video signal

