

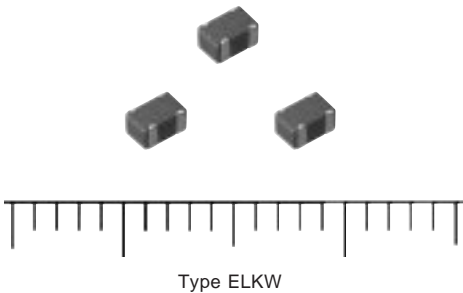
Differential Line Choke Coils

Japan

Type: **ELKW(2012 size)**

Suitable for the high speed differential line such as IEEE 1394, RSDS, LVDS to suppress the EMI noise.

Industrial Property: Patents 4 (pending)



■ Features

- Small package, Magnetic shield, Monolithic structure
- Suppress EMI noise in high speed differential mode signal transmission.
- Less signal waveform distortion
- High magnetic coupling factor as 0.95 or more.

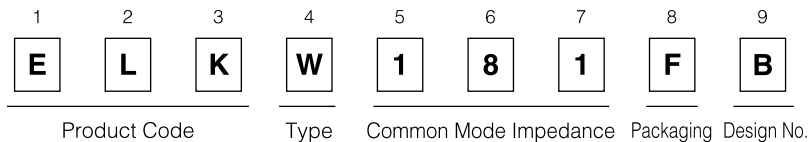
■ Recommended Applications

- Differential signal line without DC voltage applying between L1 and L2.
- IEEE1394
- RSDS, LVDS

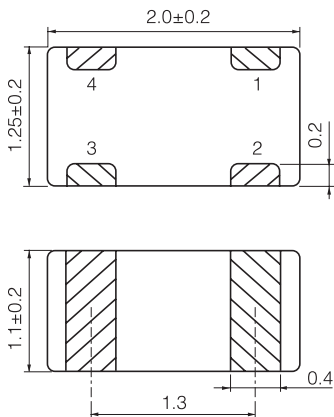
■ Standard Packing Quantity

- 3000 pcs./Reel

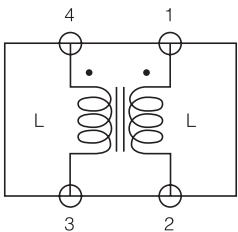
■ Explanation of Part Numbers



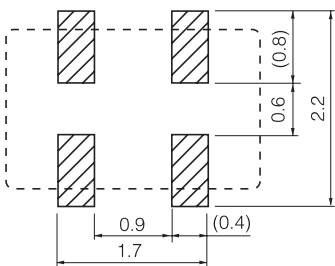
■ Dimensions in mm (not to scale)



■ Schematics



■ Recommended Land Pattern in mm (not to scale)



■ Examples

Part No.	Common Mode Impedance ( $\Omega$ )	Recommended Applications
ELKW181FB	180	IEEE1394 (S400), LVDS, RSDS

■ Performace Characteristics

