

# Data Line EMI Filters - DLEF Series



These filters virtually eliminate conducted EMI in data lines. They provide excellent common-mode noise attenuation from 15MHz to 300MHz whilst passing data signals below 300 MHz without attenuation.

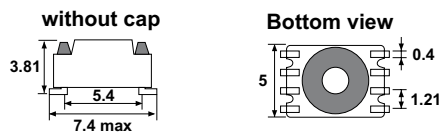
- Suited for IR and vapor reflow soldering
- Materials meet UL94-V0 rating
- Operating temperature range: -40 °C to +100 °C
- Weight : 0.5gram

## Electrical Data

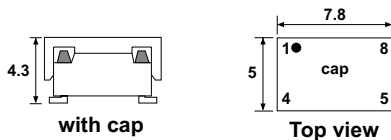
ID Code	Number of lines	Max. Current mA	L/winding $\mu\text{H}$	RDC max $\text{m}\Omega$	Isolation $\text{V}_{\text{rms}}$
DLEF12 020 1S	2	100	5	250	250
DLEF13 020 1S	3	100	5	250	250
DLEF14 020 1S	4	100	5	250	250

## Typical Dimensions (mm)

### DLEF0x xxx xS

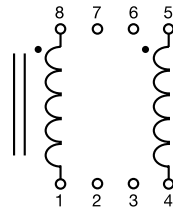


### DLEF1x xxx xS

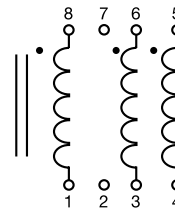


## Connections

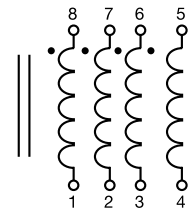
### DLEF2x xxx xS



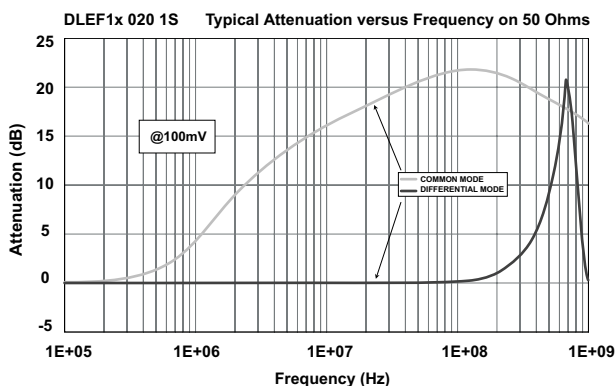
### DLEF3x xxx xS



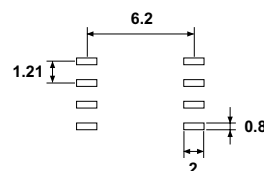
### DLEF4x xxx xS



## Response Curves



## PCB Layout (suggested)



## Packaging

Tape and Reel: 2200 pieces

