



The LQS33C Series is a wirewound, magnetically shielded chip inductor with large inductance values.

FEATURES

- Low profile dimension (2.1mm max.) and compact size of 1212 (3.3 x 3.3mm)
- Large inductance values
- Magnetically shielded

APPLICATIONS

- EL back light driver circuit

PART NUMBERING SYSTEM

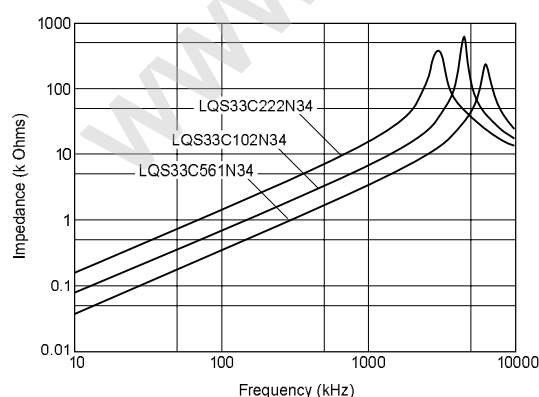
MAGNETICALLY SHIELDED	SIZE 33: 3.3 x 3.3mm (1212)	APPLICATION Choke	INDUCTANCE 561: 560μH	TOLERANCE N: ±30%	ELECTRODE CHARACTERISTICS 34: Nickel & Solder	UNMARKED
LQS	33	C	561	N	34	M00

SPECIFICATIONS

Dimensions: mm	Part Number	Inductance			DC Resistance (Ω ± 30%)	Self-resonant Frequency (MHz min.)	Allowable Current (mA)	Operating Temp. Range
		Nominal Value (μH)	Tolerance	Test Frequency				
1212 	LQS33C561N34	560	±30%	100kHz	7.8	3.0	50	-25°C ~ +85°C
	LQS33C681N34	680			9.1	2.6	40	
	LQS33C102N34	1000		10kHz	11	2.1	30	
	LQS33C152N34	1500			23	1.7	25	
	LQS33C222N34	2200			28	1.5	20	

TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE FREQUENCY CHARACTERISTICS



DIRECT CURRENT CHARACTERISTICS

