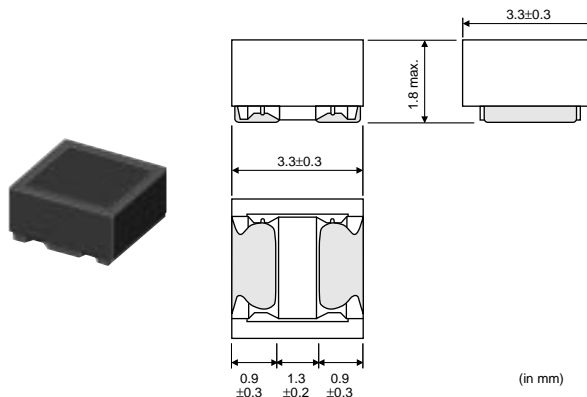


LQH3KS_53 Series (Low Profile Type)

LQH3KS_53 series is miniature chip inductor with high current capacity and low DC resistance. These features are achieved by Murata's innovative winding technology.

■ Features

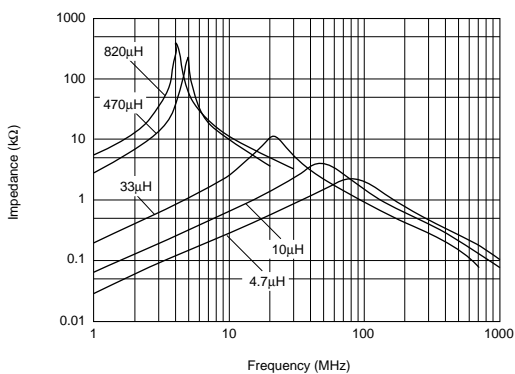
1. Low profile (1.8mm max.) and small size (3.3x3.3mm)
2. The series has large inductance of 3.3 to 820 micro H.
3. Low DC resistance



Part Number	Inductance (μH)	Test Frequency	Rated Current (mA)	DC Resistance (ohm)	Self Resonance Frequency (min.) (MHz)	EIA
LQH3KSN3R3N53	3.3 ±30%	1MHz	320	0.07 ±30%	50	1212
LQH3KSN4R7N53	4.7 ±30%	1MHz	260	0.09 ±30%	42	1212
LQH3KSN6R8N53	6.8 ±30%	1MHz	210	0.10 ±30%	35	1212
LQH3KSN100M53	10 ±20%	1MHz	180	0.17 ±30%	28	1212
LQH3KSN220M53	22 ±20%	1MHz	120	0.40 ±30%	19	1212
LQH3KSN330M53	33 ±20%	1MHz	100	0.50 ±30%	16	1212
LQH3KSN471M53	470 ±20%	100kHz	30	6.90 ±30%	4.2	1212
LQH3KSN561M53	560 ±20%	100kHz	30	7.60 ±30%	3.8	1212
LQH3KSN821M53	820 ±20%	100kHz	20	15.5 ±30%	3.2	1212

Operating Temp. Range : -25°C to +85°C
Only for reflow soldering.

■ Impedance-Frequency Characteristics



■ Inductance-Current Characteristics

