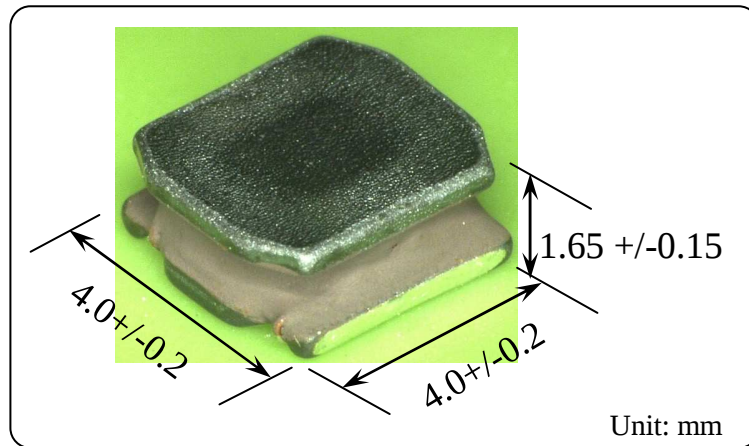


1616 size (4.0x4.0mm)
Height 1.8mm max.

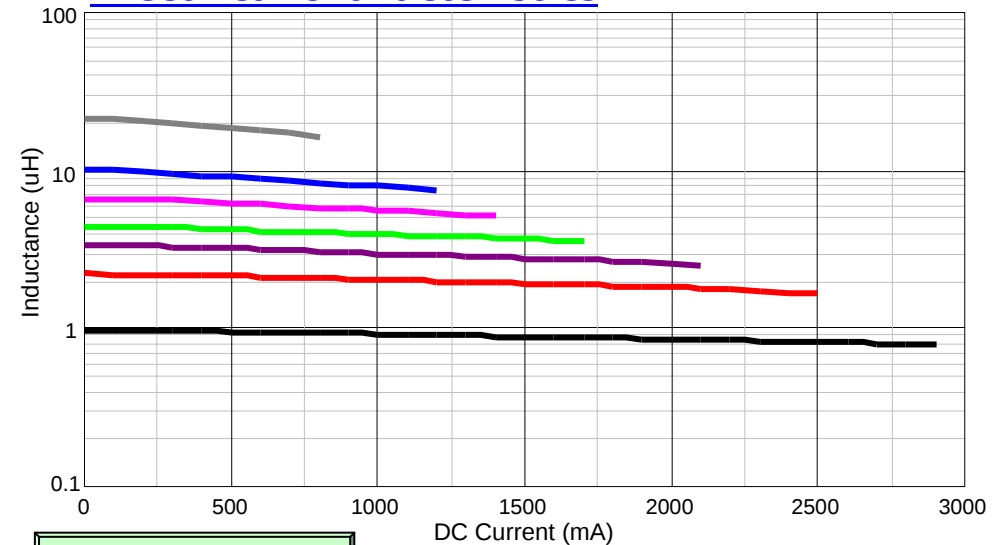
LQH44P_P0 series



➤ Appearance and Dimensions



➤ Electrical characteristics



➤ Specifications

Other characteristics

Part number	Inductance (uH)	Test freq.	DCR (ohms)	Idc1 (mA)	Idc2 (mA)	SRF (MHz min)
LQH44PN1R0NP0	1.0 +/-30%	1MHz	0.030 +/-20%	2950	2450	90
LQH44PN2R2MP0	2.2 +/-20%		0.049 +/-20%	2500	1800	70
LQH44PN3R3MP0	3.3 +/-20%		0.065 +/-20%	2100	1770	50
LQH44PN4R7MP0	4.7 +/-20%		0.080 +/-20%	1700	1700	40
LQH44PN6R8MP0	6.8 +/-20%		0.12 +/-20%	1400	1340	35
LQH44PN100MP0	10 +/-20%		0.16 +/-20%	1150	1170	25
LQH44PN220MP0	22 +/-20%		0.37 +/-20%	800	790	17

Operating temp. range: -40 to +85C

(1) Idc1: Inductance change within +/-30% from nominal value

(2) Idc2: Temperature rise below 40deg C

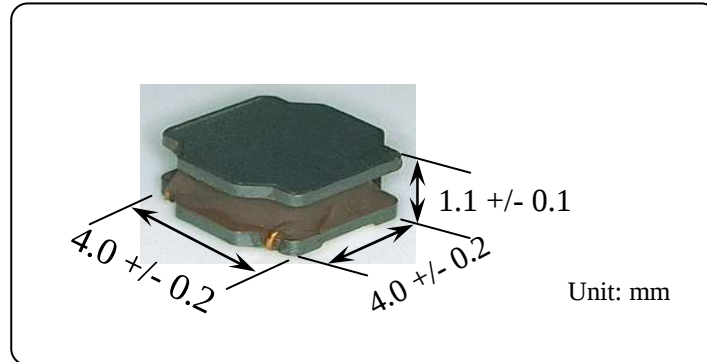


1616 size (4.0x4.0mm)
Height 1.2mm max.

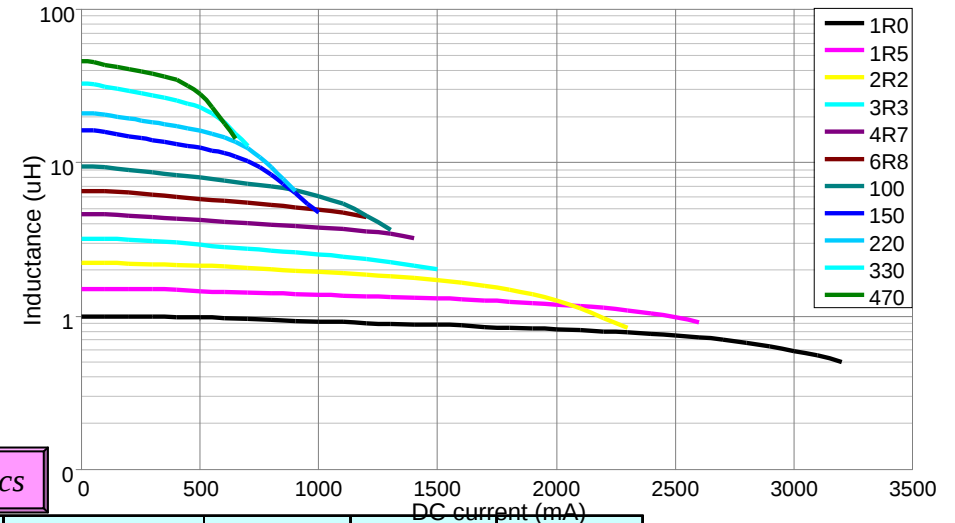
LQH44P_J0 series



Appearance and Dimensions



Electrical characteristics



Specifications

Other characteristics

Part number	Inductance (uH)	Test freq.	DCR (ohms)	Idc1 (mA)	Idc2 (mA)	SRF (MHz min)
LQH44PN1R0NJ0	1.0 +/-30%	1MHz	0.048 +/-20%	2000	1530	130
LQH44PN1R5MJ0	1.5 +/-20%		0.061 +/-20%	1600	1380	90
LQH44PN2R2MJ0	2.2 +/-20%		0.074 +/-20%	1320	1230	68
LQH44PN3R3MJ0	3.3 +/-20%		0.088 +/-20%	900	1000	55
LQH44PN4R7MJ0	4.7 +/-20%		0.117 +/-20%	840	980	50
LQH44PN6R8MJ0	6.8 +/-20%		0.143 +/-20%	720	860	38
LQH44PN100MJ0	10 +/-20%		0.207 +/-20%	560	790	30
LQH44PN150MJ0	15 +/-20%		0.385 +/-20%	430	610	25
LQH44PN220MJ0	22 +/-20%		0.480 +/-20%	400	550	18
LQH44PN330MJ0	33 +/-20%		0.740 +/-20%	360	430	15
LQH44PN470MJ0	47 +/-20%		1.014 +/-20%	300	380	13

Operating temp. range: -40 to +85C

(1) Idc1: Inductance change within +/-30% from nominal value

(2) Idc2: Temperature rise below 40deg C

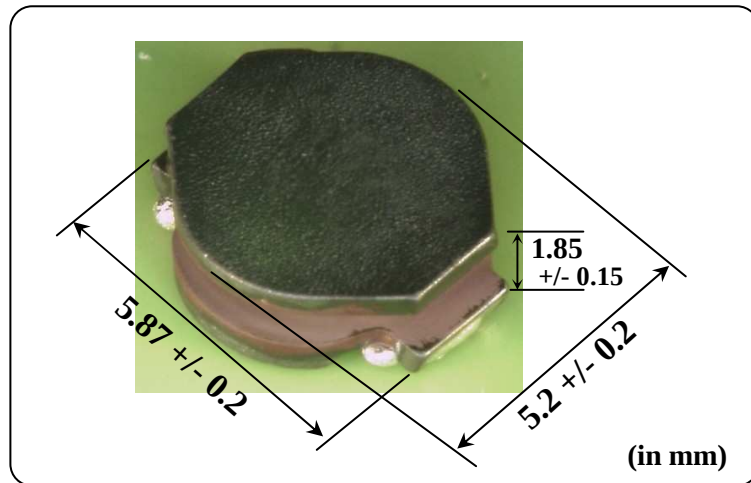


2220 size (5.8x5.2mm)
Height 2.0mm max.

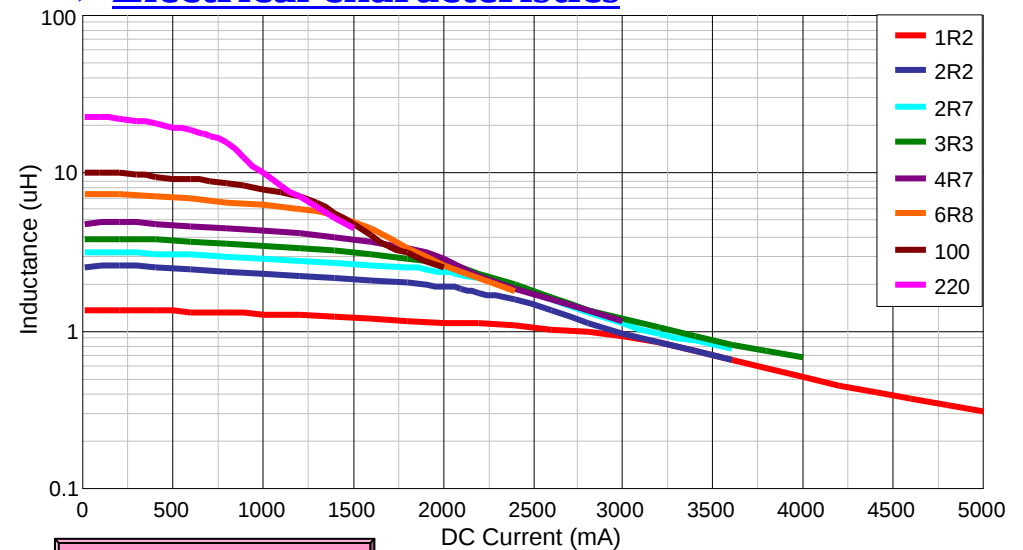
LQH55P_R0 series



➤ Appearance and Dimensions



➤ Electrical characteristics



➤ Specifications

Other characteristics

Part number	Inductance (uH)	Test freq.	DCR (ohms)	Idc1 (mA)	Idc2 (mA)	SRF (MHz min)
LQH55PN1R2NR0	1.2 +/-30%	1MHz	0.021 +/-20%	2600	2900	80
LQH55PN2R2NR0	2.2 +/-30%		0.031 +/-20%	2100	2500	60
LQH55PN2R7NR0	2.7 +/-30%		0.040 +/-20%	2070	2150	50
LQH55PN3R3NR0	3.3 +/-30%		0.044 +/-20%	2000	2000	35
LQH55PN4R7NR0	4.7 +/-30%		0.060 +/-20%	1400	1750	30
LQH55PN6R8NR0	6.8 +/-30%		0.087 +/-20%	1200	1450	25
LQH55PN100MR0	10 +/-20%		0.11 +/-20%	1000	1250	20
LQH55PN220MR0	22 +/-20%		0.26 +/-20%	670	850	10

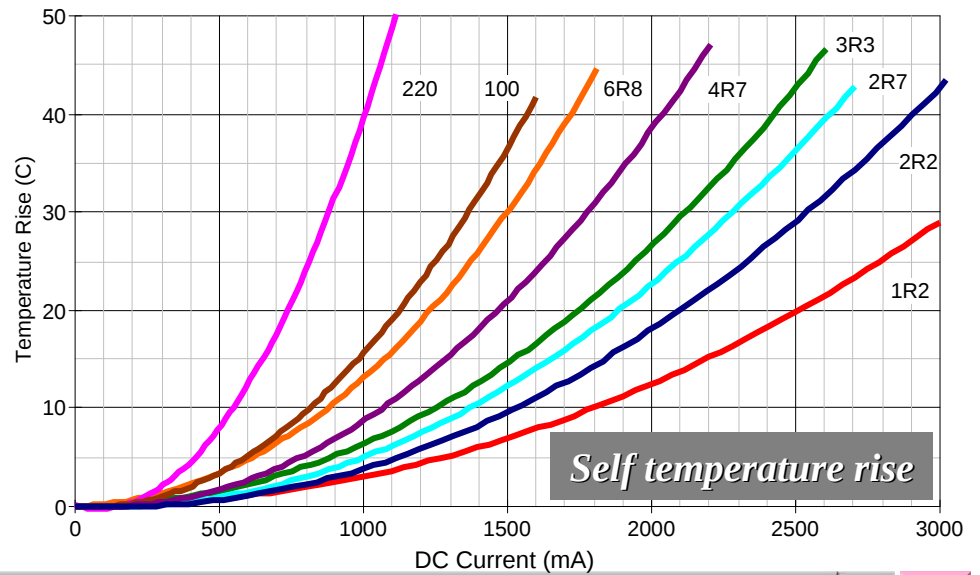
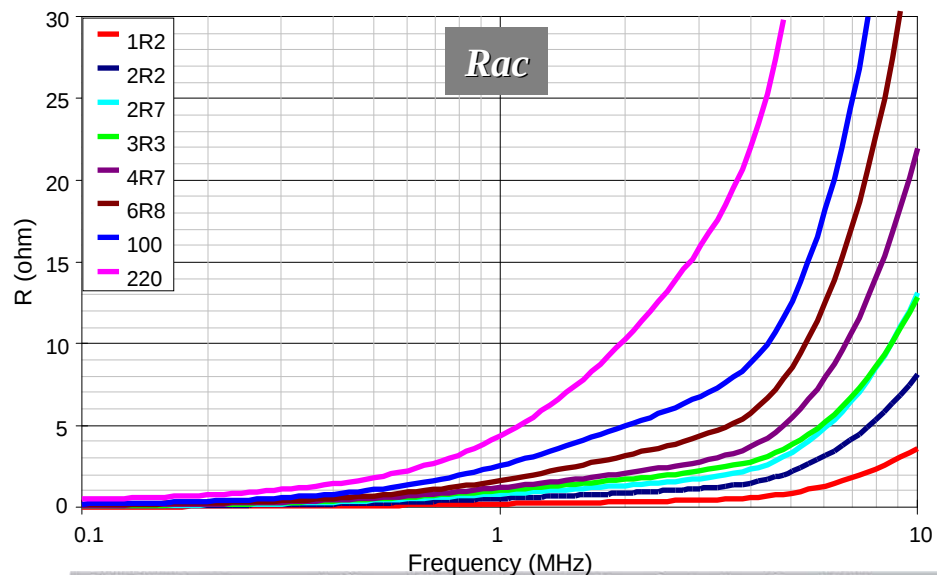
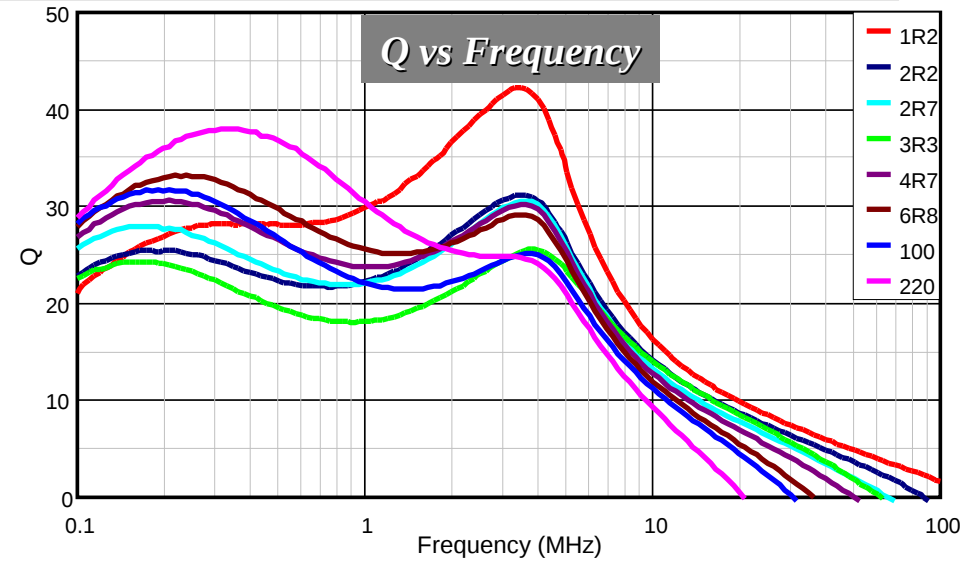
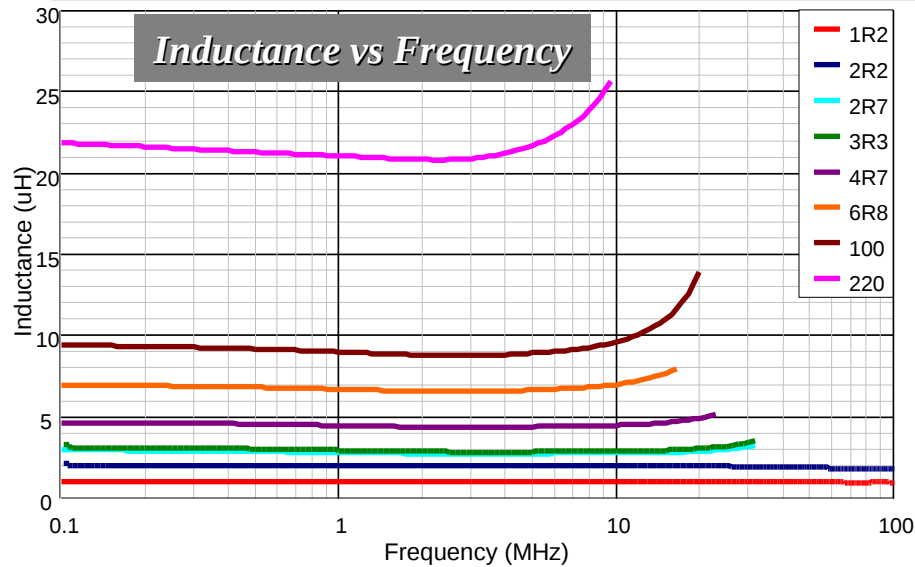
Operating temp. range: -40 to +85C

(1) Idc1: Inductance change within +/-30% from nominal value

(2) Idc2: Temperature rise below 40deg C

2220 size (5.8x5.2mm)
Height 2.0mm max.

LQH55P_R0 series



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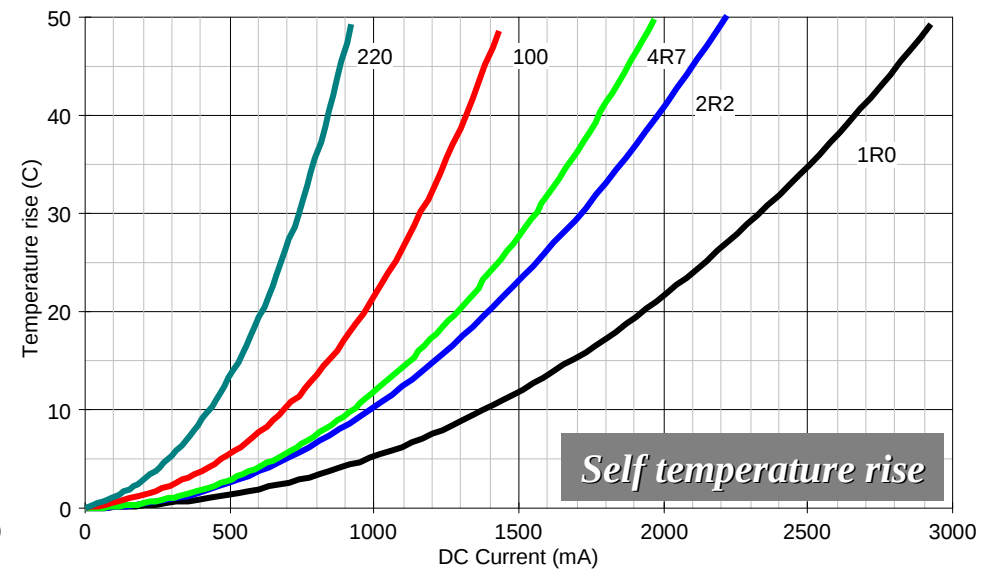
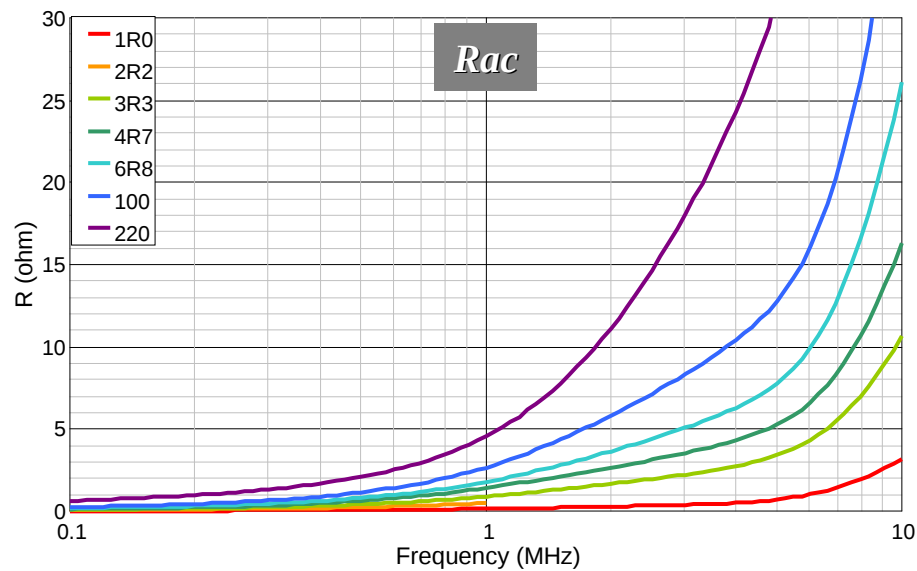
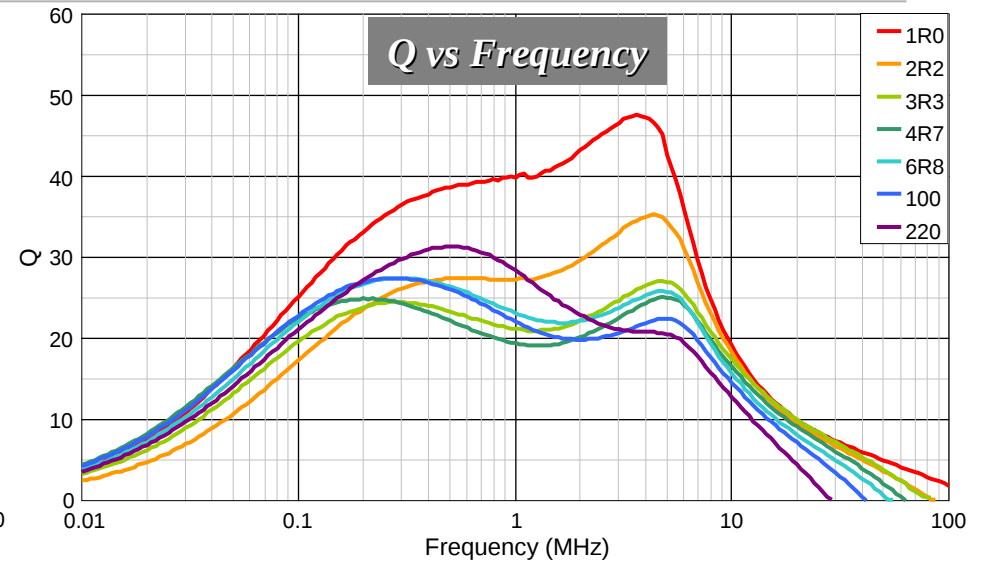
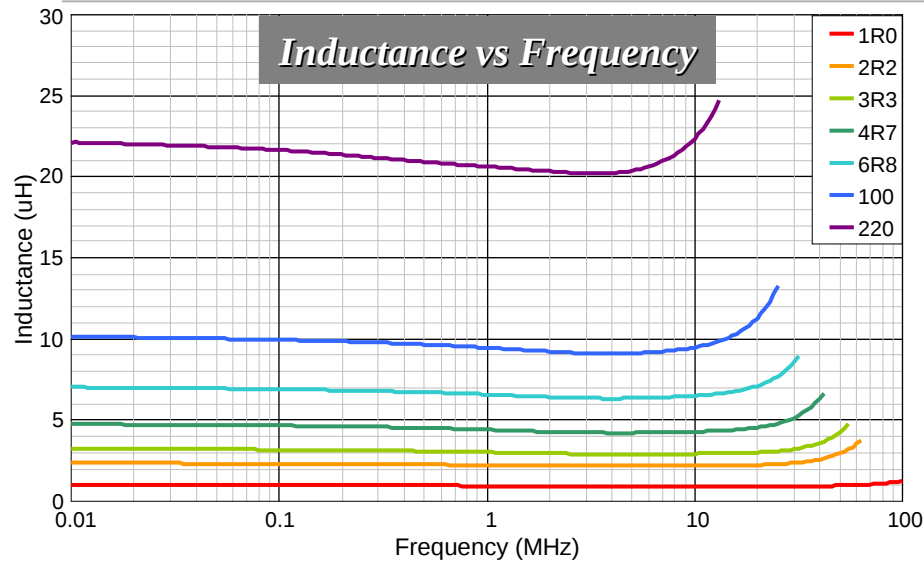
(Power inductor (G Apps) SE0 -4)

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1616 size (4.0x4.0mm)
Height 1.8mm max.

LQH44P_P0 series



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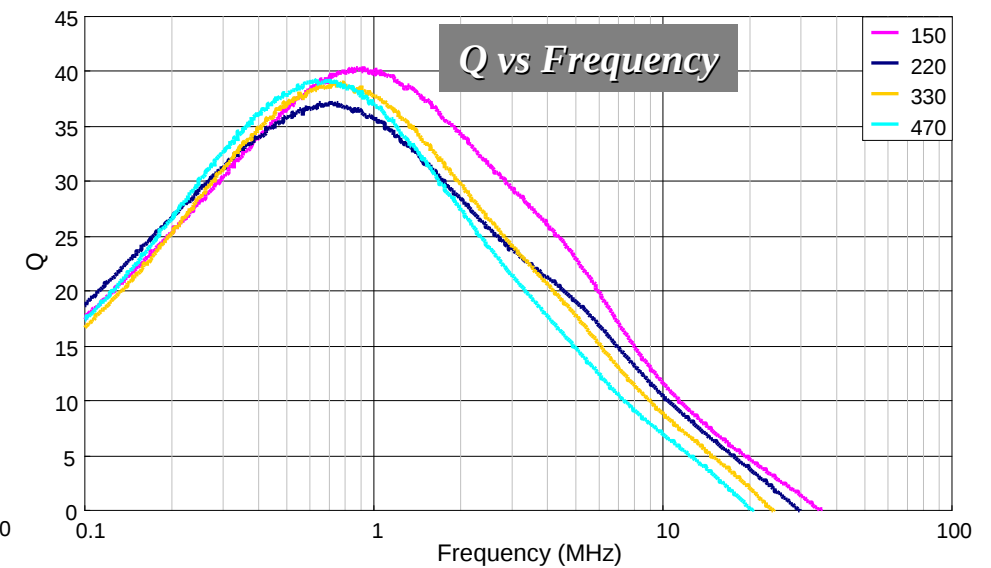
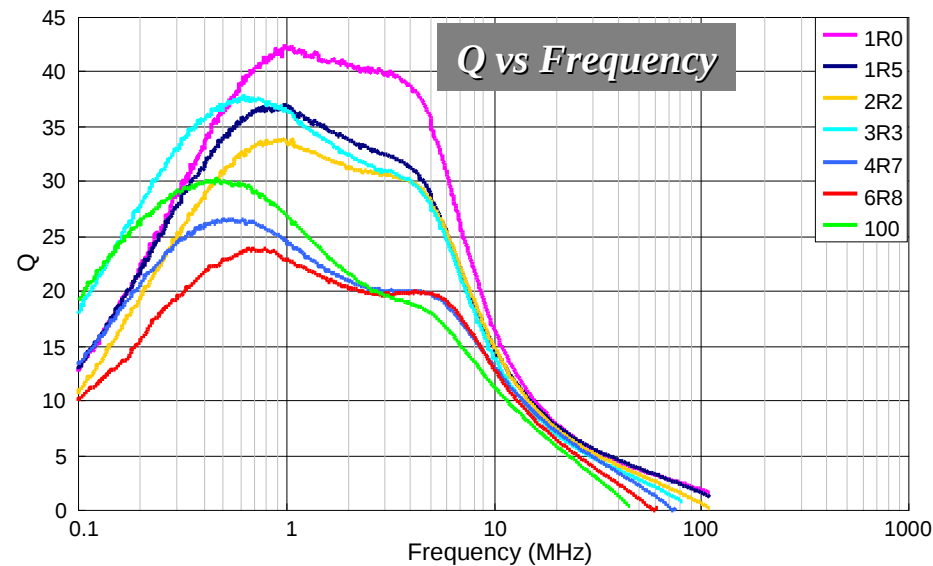
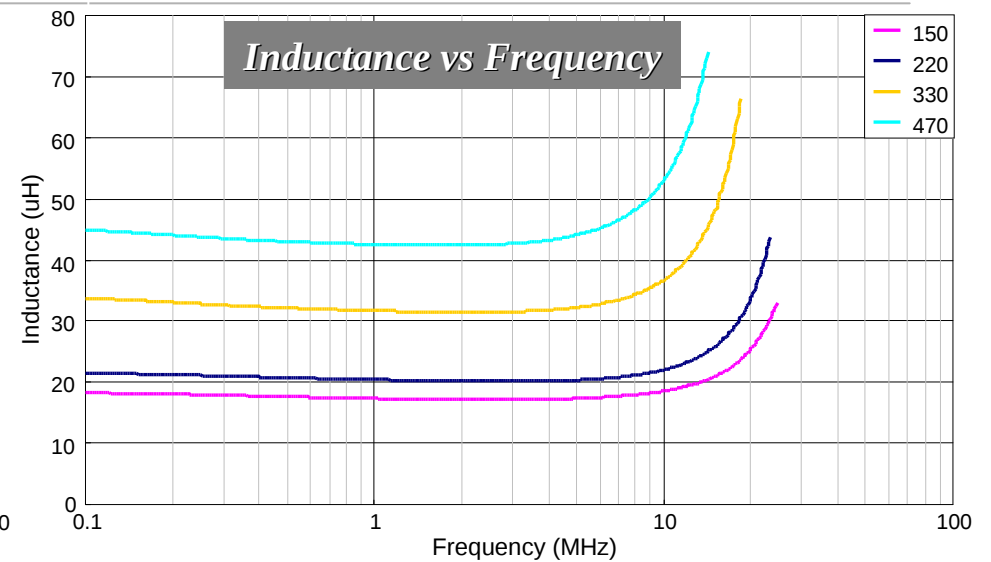
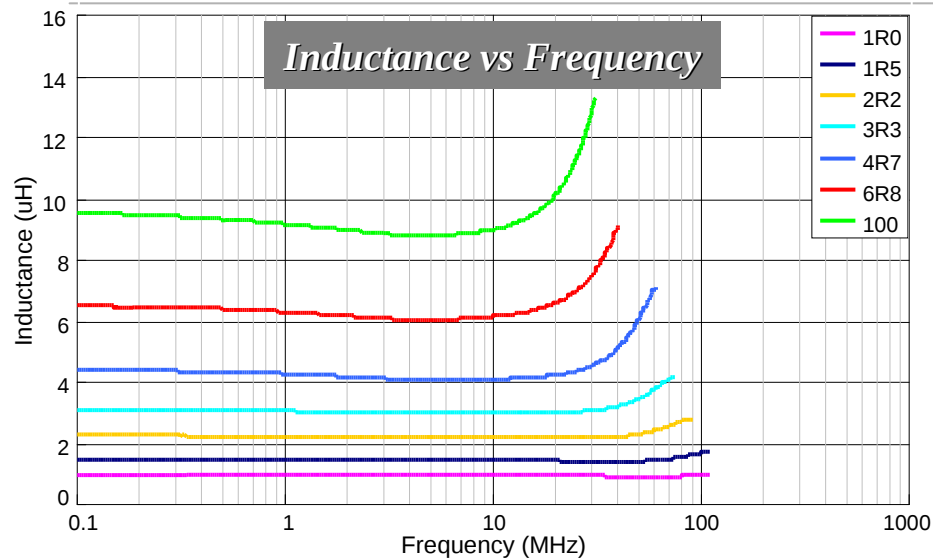
(Power inductor (G Apps) SE0 -5)

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1616 size (4.0x4.0mm)
Height 1.2mm max.

LQH44P_J0 series



1616 size (4.0x4.0mm)
Height 1.2mm max.

LQH44P_J0 series

