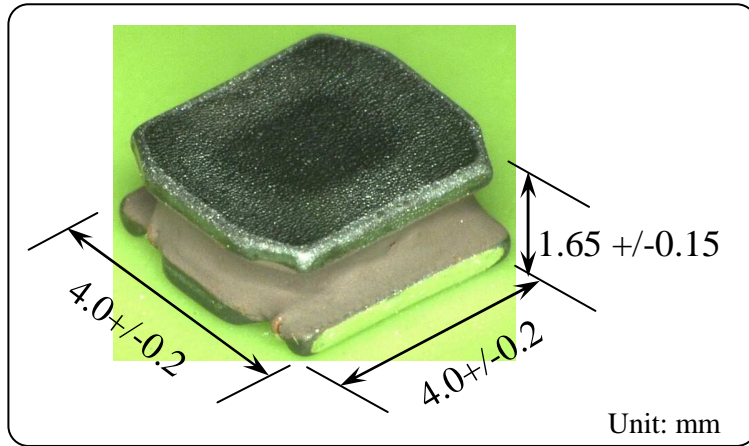


1616 size (4.0x4.0mm)
Height 1.8mm max.

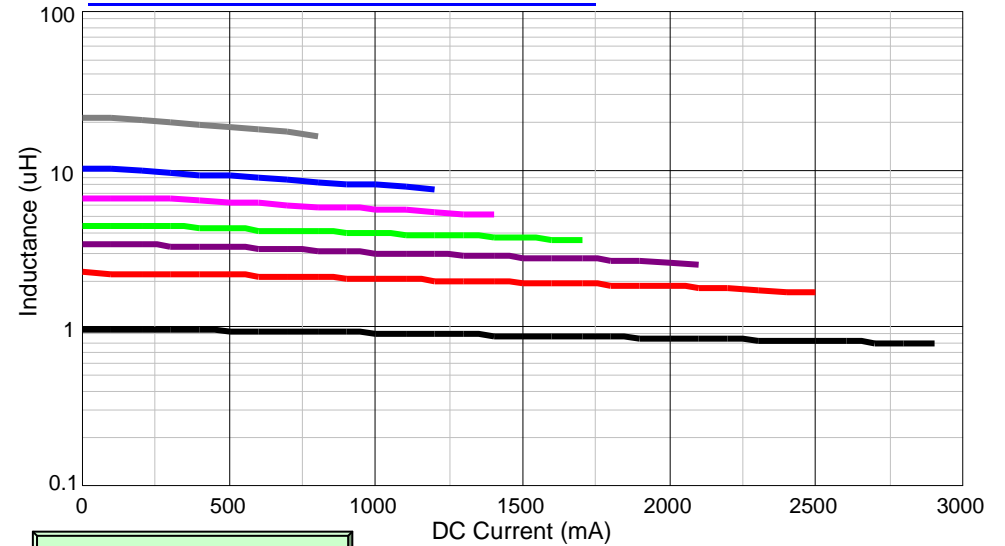
LQH44P_P0 series



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

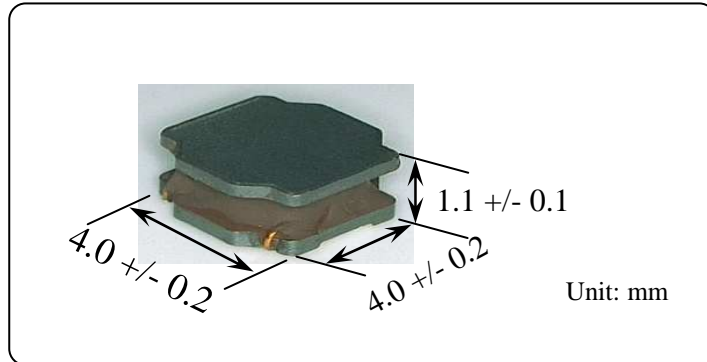


1616 size (4.0x4.0mm)
Height 1.2mm max.

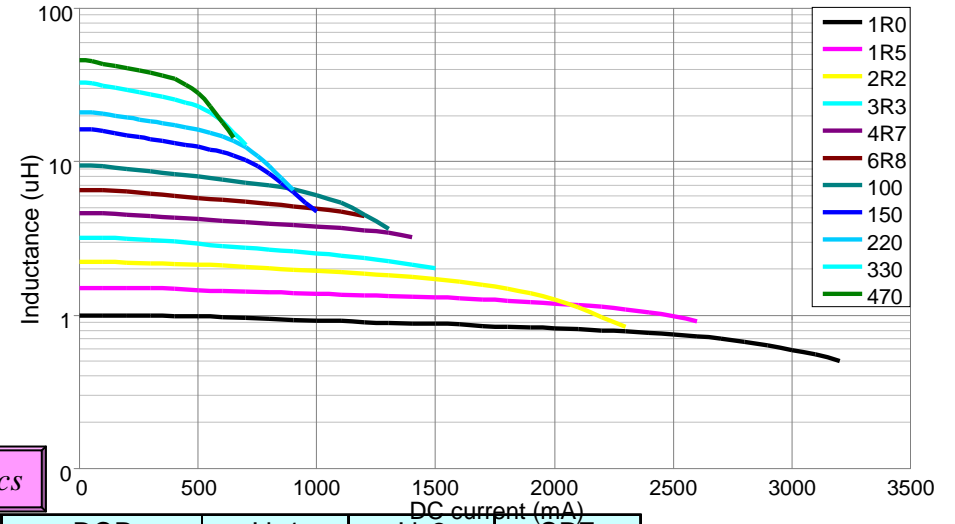
LQH44P_J0 series



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

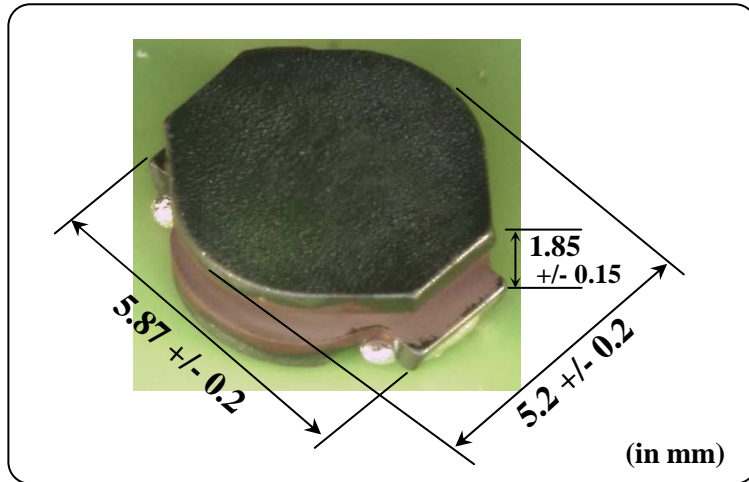


2220 size (5.8x5.2mm)
Height 2.0mm max.

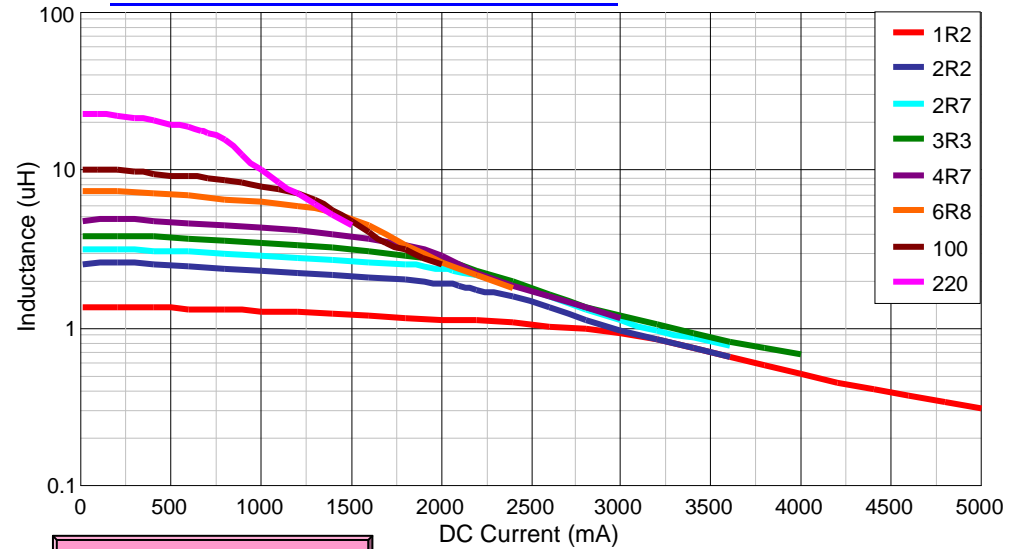
LQH55P_R0 series



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

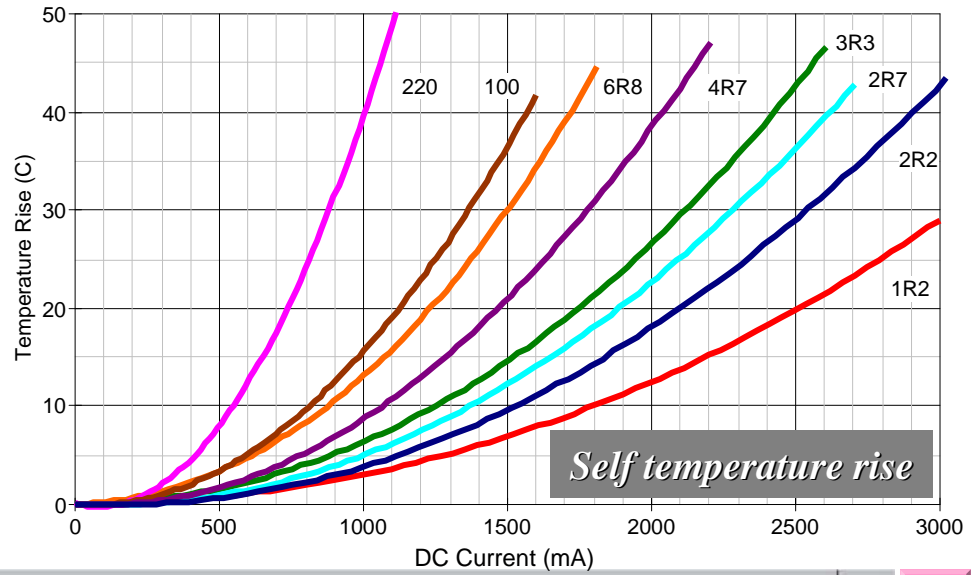
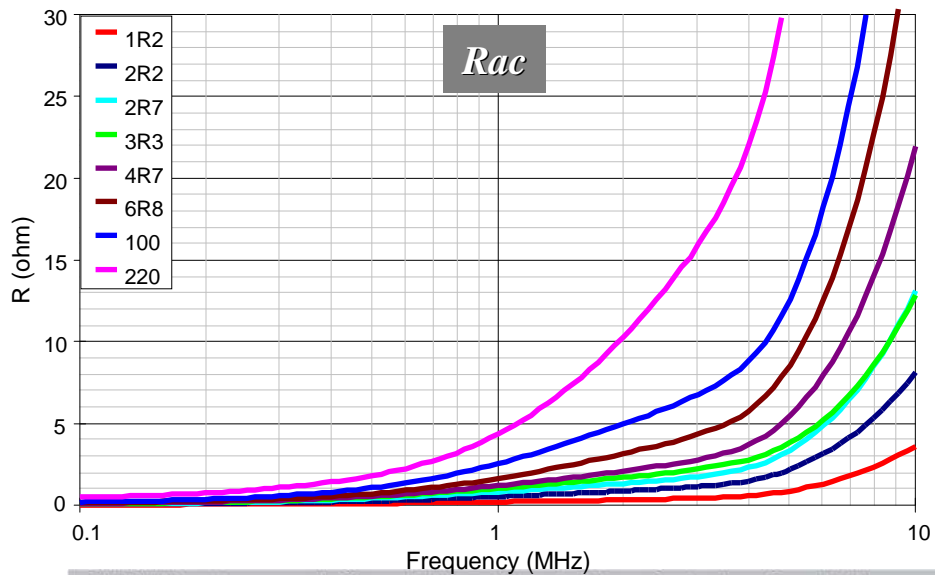
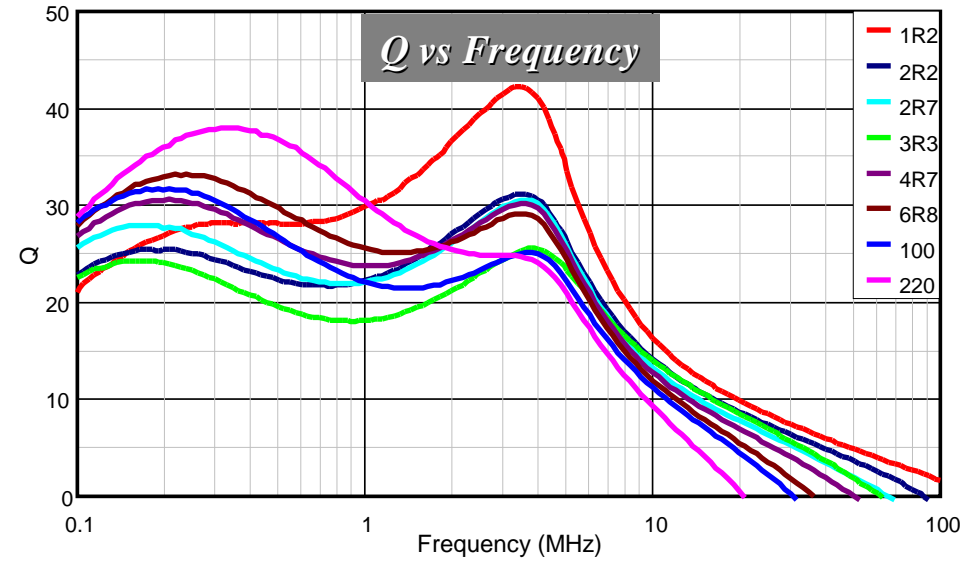
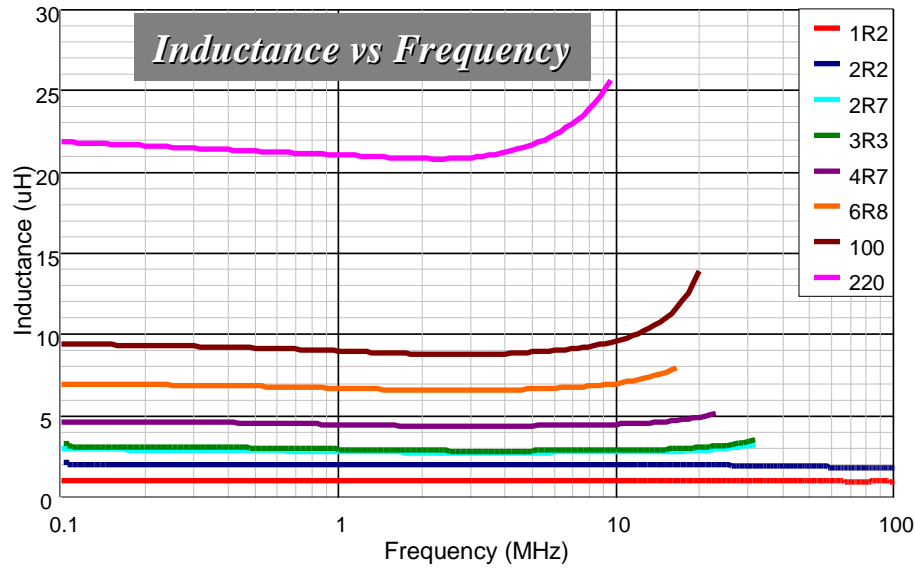
(1) Idc1: Inductance change within +/-30% from nominal value

(2) Idc2: Temperature rise below 40deg C



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

LQH55P_R0 series



All Rights Reserved, Copyright© Murata Manufacturing Co., Ltd.

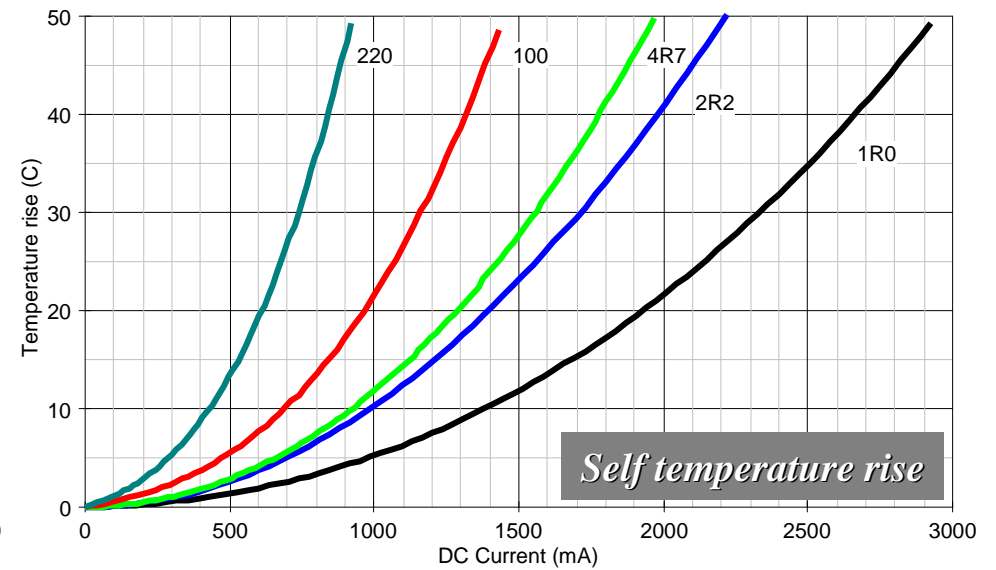
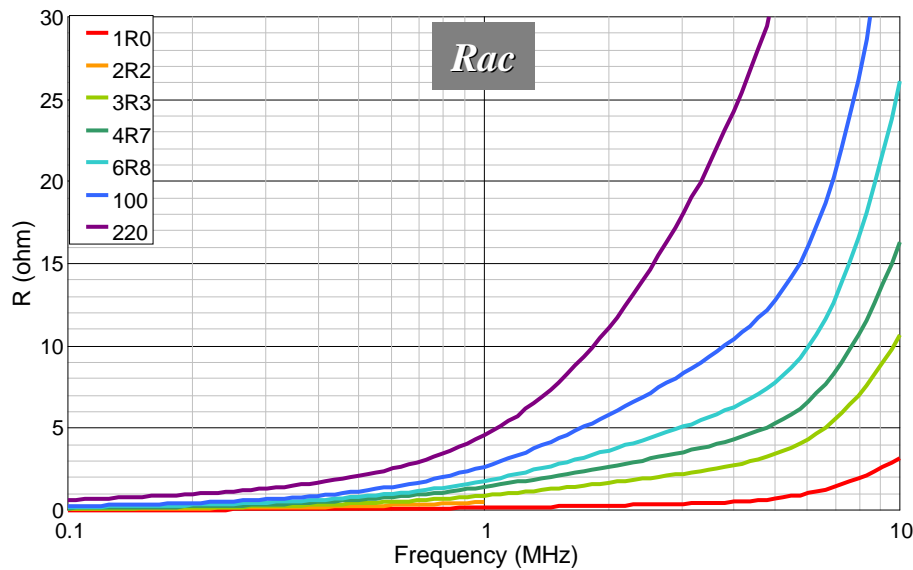
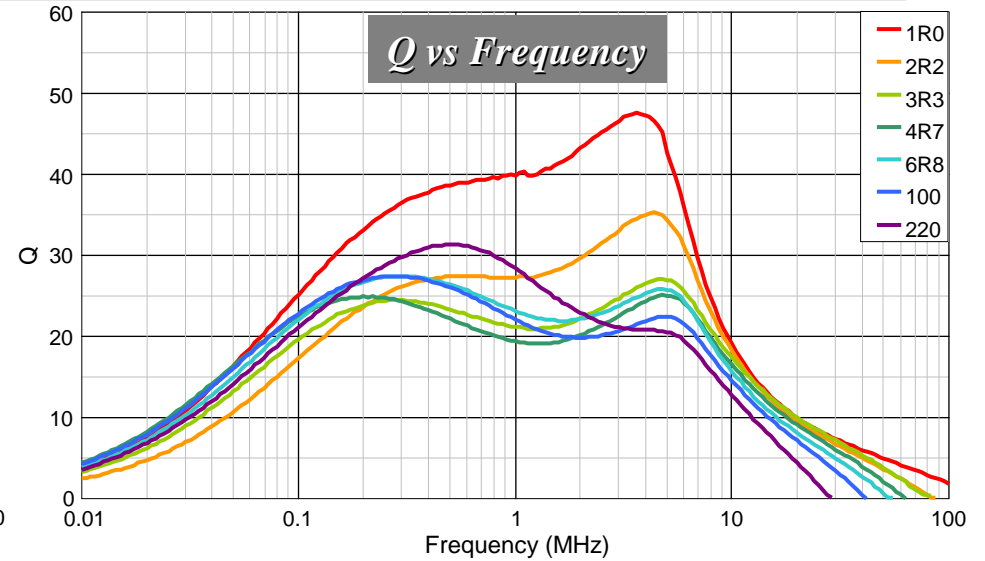
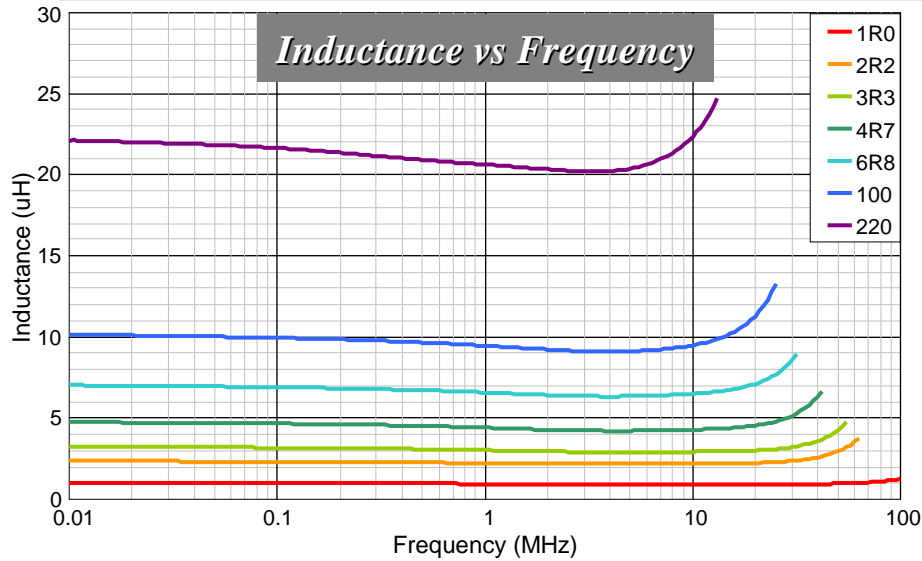
(Power inductor (G Apps) SE0 -4)

This information is the property of Murata Europe Management B.V. This information should not be copied or distributed in any fashion without the express written consent of Murata. All information is subject to change without notice, is not warranted in any fashion and is provided as is.



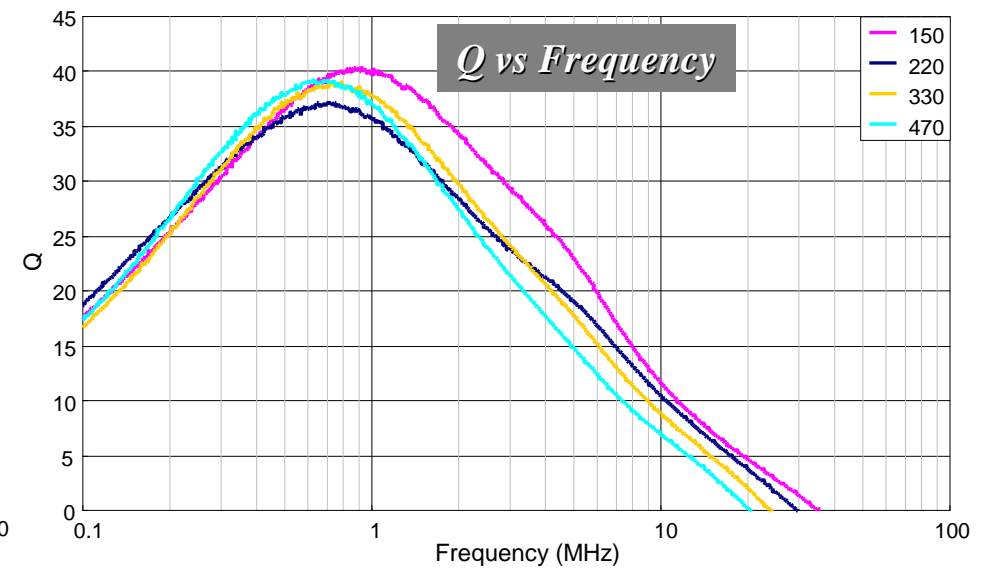
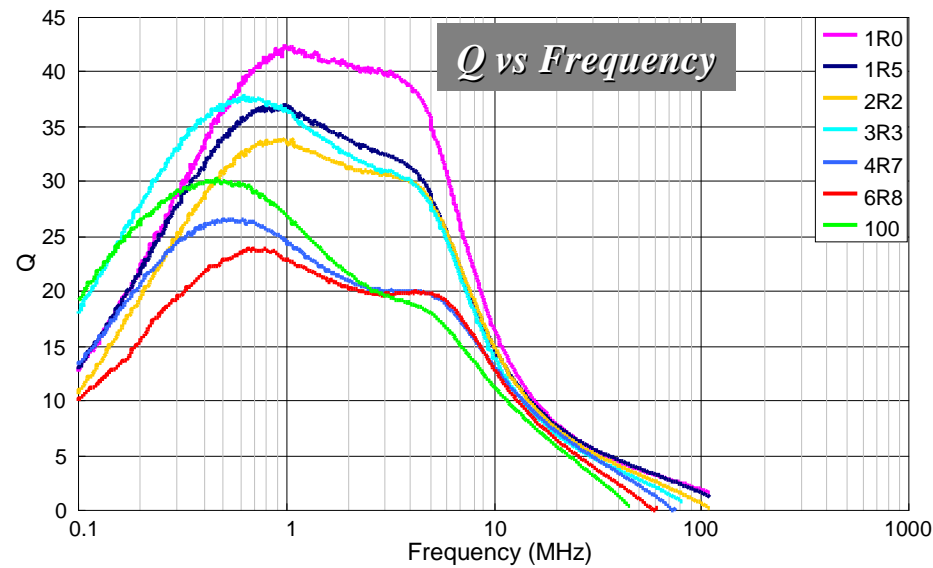
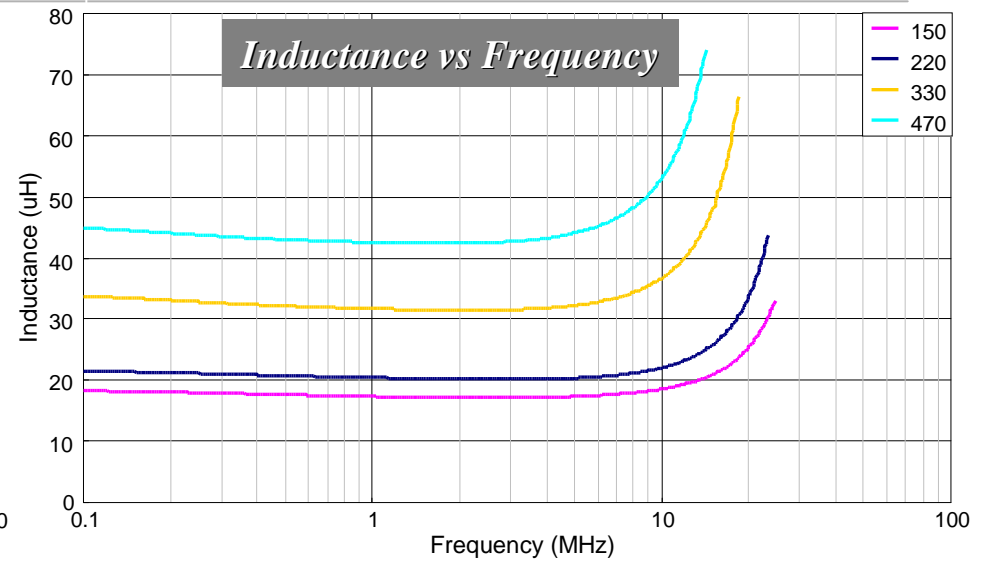
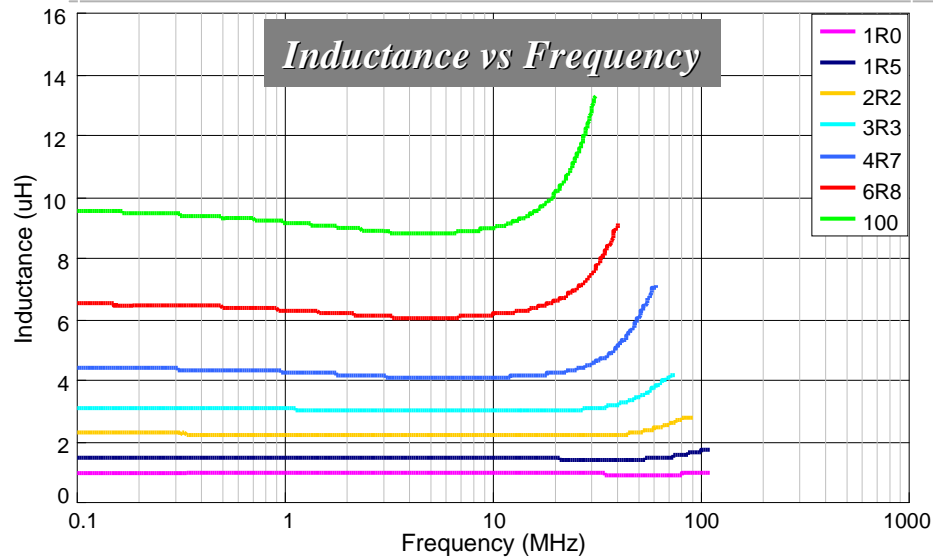
1616 size (4.0x4.0mm)
Height 1.8mm max.

LQH44P_P0 series



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

LQH44P_J0 series



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

LQH44P_J0 series

