



Sample Kit 2008



# SMT Inductors

SIMID 1210-H

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B82422X2

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## SIMID® 1210-H

<b>L<sub>R</sub></b>	<b>μH</b>	<b>0.10</b>	<b>0.15</b>	<b>0.22</b>	<b>0.33</b>	<b>0.47</b>	<b>0.68</b>	<b>1.0</b>	<b>1.5</b>
Q <sub>min</sub>		10	10	10	10	10	10	10	10
f <sub>L</sub>	MHz	10	10	10	10	7.96	7.96	7.96	7.96
f <sub>Q</sub>	MHz	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52
I <sub>R</sub>	mA	2050	1880	1760	1650	1540	1370	1270	1120
R <sub>max</sub>	Ω	0.03	0.04	0.04	0.05	0.05	0.07	0.09	0.12
f <sub>res, min</sub>	MHz	1000	800	600	500	400	200	150	110
Ord. code	B82422H	1101M000	1151M000	1221M000	1331M000	1471M000	1681M000	1102K000	1152K000
<b>L<sub>R</sub></b>	<b>μH</b>	<b>2.2</b>	<b>3.3</b>	<b>4.7</b>	<b>6.8</b>	<b>10</b>	<b>15</b>	<b>22</b>	<b>33</b>
Q <sub>min</sub>		10	10	10	10	12	12	12	15
f <sub>L</sub>	MHz	7.96	7.96	7.96	7.96	2.52	2.52	2.52	2.52
f <sub>Q</sub>	MHz	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52
I <sub>R</sub>	mA	1000	840	770	660	500	390	330	280
R <sub>max</sub>	Ω	0.15	0.20	0.24	0.33	0.46	0.72	1.0	1.4
f <sub>res, min</sub>	MHz	90	70	46	35	30	26	21	15
Ord. code	B82422H	1222K000	1332K000	1472K000	1682K000	1103K000	1153K000	1223K000	1333K000
<b>L<sub>R</sub></b>	<b>μH</b>	<b>47</b>	<b>68</b>	<b>100</b>	<b>150</b>	<b>220</b>	<b>330</b>	<b>470</b>	<b>680</b>
Q <sub>min</sub>		15	15	20	20	20	20	20	20
f <sub>L</sub>	MHz	2.52	2.52	0.796	0.796	0.796	0.796	0.796	0.796
f <sub>Q</sub>	MHz	0.252	0.252	0.796	0.796	0.796	0.796	0.796	0.796
I <sub>R</sub>	mA	230	180	150	120	100	90	76	61
R <sub>max</sub>	Ω	2.1	3.4	4.8	7.5	10.9	13.0	20.0	31.0
f <sub>res, min</sub>	MHz	12	10	8.0	6.0	5.5	4.5	3.5	3.0
Ord. code	B82422H	1473K000	1683K000	1104K000	1154K000	1224K000	1334K000	1474K000	1684K000