

EPCOS Sample Kit 2012

Chip Inductors

SIMID 1210-H, B82422X002



SMT Inductors – SIMID 1210-H

L_R	μH	1.0	1.5	2.2	3.3	4.7	6.8
Q_{\min}		10	10	10	10	10	10
$f_L; f_Q$	MHz	7.96	7.96	7.96	7.96	7.96	7.96
I_R	mA	1270	1120	1000	840	770	660
R_{\max}	Ω	0.09	0.12	0.15	0.20	0.24	0.33
$f_{\text{res, min}}$	MHz	150	110	90	70	46	35
Ordering code	B82422	H1102K000	H1152K000	H1222K000	H1332K000	H1472K000	H1682K000
L_R	μH	10	15	22	33	47	68
Q_{\min}		12	12	12	15	15	15
$f_L; f_Q$	MHz	2.52	2.52	2.52	2.52	2.52	2.52
I_R	mA	500	390	330	280	230	180
R_{\max}	Ω	0.46	0.72	1.0	1.4	2.1	3.4
$f_{\text{res, min}}$	MHz	30	26	21	15	12	10
Ordering code	B82422	H1103K000	H1153K000	H1223K000	H1333K000	H1473K000	H1683K000
L_R	μH	100	150	220	330	470	680
Q_{\min}		20	20	20	20	20	20
$f_L; f_Q$	MHz	0.796	0.796	0.796	0.796	0.796	0.796
I_R	mA	150	120	100	90	76	61
R_{\max}	Ω	4.8	7.5	10.9	13.0	20.0	31.0
$f_{\text{res, min}}$	MHz	8.0	6.0	5.5	4.5	3.5	3.0
Ordering code	B82422	H1104K000	H1154K000	H1224K000	H1334K000	H1474K000	H1684K000

SIMID® is a registered trademark. Tolerance: $K \Delta \pm 10\%$. Additional values upon request.



1.0 μH



1.5 μH



2.2 μH



3.3 μH



4.7 μH



6.8 μH



10 μH



15 μH



22 μH



33 μH



47 μH



68 μH



100 μH



150 μH



220 μH



330 μH



470 μH



680 μH

Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.