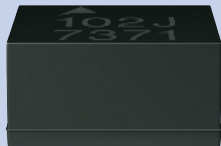


EPCOS Sample Kit 2012

Chip Inductors

SIMID 1210-100, B82422X100



SMT Inductors – SIMID 1210-100

L_R	μH	0.015	0.022	0.033	0.047	0.068	0.10	0.15	0.22
Q_{\min}		27	30	20	26	27	25	25	25
f_L	MHz	10	10	10	10	10	10	1	1
f_Q	MHz	100	100	50	50	50	50	30	30
I_R	mA	640	600	540	510	480	440	390	280
R_{\max}	Ω	0.12	0.14	0.17	0.19	0.21	0.26	0.33	0.64
$f_{\text{res, min}}$	MHz	3000	2500	1700	1350	1150	1000	850	700
Ord. code	B82422	A3150K100	A3220K100	A3330K100	A3470K100	A3680K100	A3101K100	A3151K100	A3221K100
L_R	μH	0.33	0.47	0.68	1.0	1.5	2.2	3.3	4.7
Q_{\min}		22	22	22	20	20	25	27	27
f_L	MHz	1	1	1	1	1	1	1	1
f_Q	MHz	30	30	30	7.96	7.96	7.96	7.96	7.96
I_R	mA	200	150	145	380	340	270	200	150
R_{\max}	Ω	1.3	2.2	2.4	0.34	0.50	0.75	1.20	2.20
$f_{\text{res, min}}$	MHz	580	480	280	320	270	125	110	110
Ord. code	B82422	A3331K100	A3471K100	A3681K100	A1102K100	A1152K100	A1222K100	A1332K100	A1472K100
L_R	μH	6.8	10	15	22	33	47	68	100
Q_{\min}		27	27	27	27	27	27	27	27
f_L	MHz	1	1	0.1	0.1	0.1	0.1	0.1	0.1
f_Q	MHz	7.96	2.52	2.52	2.52	2.52	2.52	2.52	2.52
I_R	mA	135	180	165	140	105	85	80	65
R_{\max}	Ω	2.80	1.60	1.85	2.65	4.50	7.00	7.70	11.5
$f_{\text{res, min}}$	MHz	90	25	20	16	13	11	9	7
Ord. code	B82422	A1682K100	A1103K100	A1153K100	A1223K100	A1333K100	A1473K100	A1683K100	A1104K100

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



0.015 μH



0.022 μH



0.033 μH



0.047 μH



0.068 μH



0.10 μH



0.15 μH



0.22 μH



0.33 μH



0.47 μH



0.68 μH



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

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.