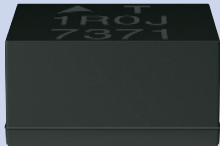


EPCOS Sample Kit 2012

Chip Inductors

SIMID 1210-T, B82422X001



SMT Inductors – SIMID 1210-T

L_R	μH	0.015	0.022	0.033	0.047	0.068	0.10	0.15	0.22
Q _{min}		19	23	25	26	27	28	30	30
f _L ; f _Q	MHz	100	100	100	100	100	100	25.2	25.2
I _R	mA	450	450	450	450	450	450	450	450
R _{max}	Ω	0.13	0.16	0.18	0.20	0.23	0.31	0.18	0.20
f _{res, min}	MHz	3000	2000	1700	1300	1000	900	700	500
Ord. code	B82422	T3150K	T3220K	T3330K	T3470K	T3680K	T3101K	T1151K	T1221K
L_R	μH	0.33	0.47	0.68	1.0	1.5	2.2	3.3	4.7
Q _{min}		30	30	30	30	30	30	30	30
f _L ; f _Q	MHz	25.2	25.2	25.2	7.96	7.96	7.96	7.96	7.96
I _R	mA	450	450	450	400	370	320	260	220
R _{max}	Ω	0.23	0.30	0.34	0.6	0.7	0.8	1.2	1.5
f _{res, min}	MHz	500	400	300	300	200	100	60	50
Ord. code	B82422	T1331K	T1471K	T1681K	T1102K	T1152K	T1222K	T1332K	T1472K
L_R	μH	6.8	10	15	22	33	47	68	100
Q _{min}		27	27	27	27	27	27	27	20
f _L ; f _Q	MHz	7.96	2.52	2.52	2.52	2.52	2.52	2.52	0.796
I _R	mA	180	150	130	110	70	60	60	60
R _{max}	Ω	1.8	2.1	2.8	3.5	5.6	7.0	9.0	11
f _{res, min}	MHz	40	30	20	20	17	15	9	8
Ord. code	B82422	T1682K	T1103K	T1153K	T1223K	T1333K	T1473K	T1683K	T1104K

SIMID® is a registered trademark. Tolerance: K ± 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.