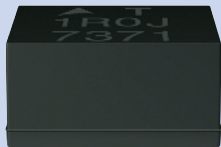


EPCOS Sample Kit 2012

# Chip Inductors

SIMID 1210-T, B82422X001



## SMT Inductors – SIMID 1210-T

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



0.022  $\mu\text{H}$



0.033  $\mu\text{H}$



0.047  $\mu\text{H}$



0.068  $\mu\text{H}$



0.10  $\mu\text{H}$



0.15  $\mu\text{H}$



0.22  $\mu\text{H}$



0.33  $\mu\text{H}$



0.47  $\mu\text{H}$



0.68  $\mu\text{H}$



1.0  $\mu\text{H}$



1.5  $\mu\text{H}$



2.2  $\mu\text{H}$



3.3  $\mu\text{H}$



4.7  $\mu\text{H}$



6.8  $\mu\text{H}$



10  $\mu\text{H}$



15  $\mu\text{H}$



22  $\mu\text{H}$



33  $\mu\text{H}$



47  $\mu\text{H}$



68  $\mu\text{H}$



100  $\mu\text{H}$

**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.