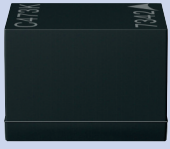
EPCOS Sample Kit 2014

Chip Inductors

SIMID 1812-C, B82432X002



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SMT Inductors – SIMID 1812-C

L_R	µH	1.0	1.5	1.8	2.2	3.3	3.9	4.7	6.8
Q_{min}		40	40	40	40	40	40	40	40
f_L	MHz	1	1	1	1	1	1	1	1
f_Q	MHz	7.96	7.96	7.96	7.96	7.96	7.96	7.96	7.96
I_R	mA	600	535	490	480	425	410	390	360
R_{max}	Ω	0.28	0.35	0.41	0.43	0.55	0.59	0.65	0.78
$f_{res, min}$	MHz	200	120	100	90	60	50	40	35
Ord. code	B82432	C1102K000	C1152K000	C1182K000	C1222K000	C1332K000	C1392K000	C1472K000	C1682K000
L_R	**µH**	**8.2**	**10**	**15**	**18**	**22**	**33**	**39**	**47**
Q_{min}		40	40	30	30	30	30	30	30
f_L	MHz	1	1	0.1	0.1	0.1	0.1	0.1	0.1
f_Q	MHz	7.96	7.96	2.52	2.52	2.52	2.52	2.52	2.52
I_R	mA	330	320	280	270	260	230	220	210
R_{max}	Ω	0.92	0.98	1.25	1.35	1.45	1.85	2.05	2.30
$f_{res, min}$	MHz	30	28	21	18	16	13	12	12
Ord. code	B82432	C1822K000	C1103K000	C1153K000	C1183K000	C1223K000	C1333K000	C1393K000	C1473K000
L_R	**µH**	**68**	**100**	**150**	**220**	**330**	**470**	**680**	**1000**
Q_{min}		30	30	30	30	30	30	30	30
f_L	MHz	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
f_Q	MHz	2.52	0.796	0.796	0.796	0.796	0.796	0.796	0.796
I_R	mA	190	145	130	115	85	75	65	55
R_{max}	Ω	2.80	4.70	6.10	7.50	14.1	17.5	25.0	32.0
$f_{res, min}$	MHz	10	8	7	6	4.5	4	3.3	2.8
Ord. code	B82432	C1683K000	C1104K000	C1154K000	C1224K000	C1334K000	C1474K000	C1684K000	C1105K000

SIMID® is a registered trademark. Tolerance: K≙ ±10%. Additional values upon request.