EPCOS Sample Kit 2012

Chip Inductors

SIMID 1812-T, B82432X001

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SMT Inductors – SIMID 1812-T

L_R	µH	1.0	1.5	1.8	2.2	3.3	3.9	4.7	6.8
Q_{min}		10	10	10	10	10	10	10	10
$f_L; f_Q$	MHz	7.96	7.96	7.96	7.96	7.96	7.96	7.96	7.96
I_R	mA	1300	1150	1050	1000	900	850	800	700
R_{max}	Ω	0.08	0.11	0.13	0.15	0.19	0.20	0.22	0.30
$f_{res,\ min}$	MHz	110	80	70	60	50	45	40	36
Ord. code	B82432	T1102K	T1152K	T1182K	T1222K	T1332K	T1392K	T1472K	T1682K
L_R	**µH**	**8.2**	**10**	**15**	**18**	**22**	**33**	**39**	**47**
Q_{min}		10	10	10	10	10	10	10	10
$f_L; f_Q$	MHz	7.96	2.52	2.52	2.52	2.52	2.52	2.52	2.52
I_R	mA	670	650	600	550	450	400	380	350
R_{max}	Ω	0.33	0.35	0.50	0.60	0.70	1.20	1.30	1.35
$f_{res,\ min}$	MHz	30	25	20	18	15	13	12	11
Ord. code	B82432	T1822K	T1103K	T1153K	T1183K	T1223K	T1333K	T1393K	T1473K
L_R	**µH**	**68**	**100**	**150**	**220**	**330**	**470**	**680**	**1000**
Qmin		10	20	20	20	20	20	20	20
$f_L; f_Q$	MHz	2.52	0.796	0.796	0.796	0.796	0.796	0.796	0.252
I_R	mA	250	200	160	130	120	100	80	70
R_{max}	Ω	2.50	3.50	6.00	7.50	11.0	15.0	23.0	30.0
$f_{res,\ min}$	MHz	8.0	6.5	6.1	4.5	4.1	3.5	2.6	2.3
Ord. code	B82432	T1683K	T1104K	T1154K	T1224K	T1334K	T1474K	T1684K	T1105K

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


1.0 µH


1.5 µH


1.8 µH


2.2 µH


3.3 µH


3.9 µH


4.7 µH


6.8 µH


8.2 µH


10 µH


15 µH


18 µH


22 µH


33 µH


39 µH


47 µH


68 µH


100 µH


150 µH


220 µH


330 µH


470 µH


680 µH


1000 µH