

EPCOS Sample Kit 2012

Chip Inductors

SIMID 1812-T, B82432X001



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
Q _{min}		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 Δ ±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

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.