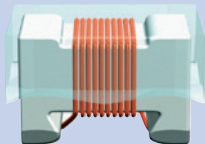


EPCOS Sample Kit 2012

Chip Inductors

SIMID 0805-F, B82498X001



SMT Inductors – SIMID 0805-F

L_R	nH	2.7	5.6	6.8	8.2	10	12	15	18
Q _{min}		50	50	50	50	50	50	50	60
f _L	MHz	250	250	250	250	250	250	250	250
f _Q	MHz	1500	1000	1000	1000	500	500	500	500
I _R	mA	1000	900	800	700	700	700	650	700
R _{max}	Ω	0.03	0.04	0.05	0.09	0.09	0.09	0.13	0.08
f _{res, min}	MHz	9000	7000	6000	5000	5000	4000	3300	3300
Ord. code	B82498	F3279K000	F3569K000	F3689K000	F3829K000	F3100J000	F3120J000	F3150J000	F3180J000
L_R	nH	22	27	33	39	47	56	68	82
Q _{min}		60	60	65	65	65	60	60	60
f _L	MHz	250	250	250	250	200	200	200	150
f _Q	MHz	500	500	500	500	500	500	500	500
I _R	mA	700	700	600	600	600	600	500	500
R _{max}	Ω	0.08	0.09	0.11	0.12	0.13	0.14	0.18	0.19
f _{res, min}	MHz	2500	2500	2200	2100	2000	1700	1600	1500
Ord. code	B82498	F3220J000	F3270J000	F3330J000	F3390J000	F3470J000	F3560J000	F3680J000	F3820J000
L_R	nH	100	120	150	220	330	470	680	820
Q _{min}		55	50	45	45	45	30	23	23
f _L	MHz	150	150	100	100	100	50	25	25
f _Q	MHz	500	250	250	250	250	100	50	50
I _R	mA	450	440	400	320	220	190	190	180
R _{max}	Ω	0.28	0.31	0.42	0.70	1.50	1.90	1.70	1.90
f _{res, min}	MHz	1350	1250	1150	950	800	650	300	300
Ord. code	B82498	F3101J000	F3121J000	F3151J000	F3221J000	F3331J000	F3471J000	F3681J000	F3821J000

Tolerance: K Δ \pm 10%, J Δ \pm 5%. Additional values upon request.



2.7 nH



5.6 nH



6.8 nH



8.2 nH



10 nH



12 nH



15 nH



18 nH



22 nH



27 nH



33 nH



39 nH



47 nH



56 nH



68 nH



82 nH



100 nH



120 nH



150 nH



220 nH



330 nH



470 nH



680 nH



820 nH

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.