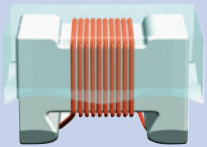
EPCOS Sample Kit 2012

Chip Inductors

SIMID 0805-F, B82498X001



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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≙ ±10%, J≙ ±5%. Additional values upon request.