



EPCOS Sample Kit 2012

Chip Inductors

SIMID 2220-T, B82442X002



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SMT Inductors – SIMID 2220-T

L_R	μH	1.0	4.7	10	22
Q _{min}		15	15	15	15
f _L ; f _Q	MHz	7.96	7.96	2.52	2.52
I _R	mA	3510	1950	1420	1040
R _{max}	Ω	0.025	0.073	0.132	0.238
f _{res, min}	MHz	111	30	19	13
Ordering code	B82442T	1102M050	1472M050	1103K050	1223K050
L_R	μH	47	100	220	470
Q _{min}		15	20	20	20
f _L ; f _Q	MHz	2.52	0.796	0.796	0.796
I _R	mA	700	510	330	240
R _{max}	Ω	0.519	0.990	2.210	4.730
f _{res, min}	MHz	8.0	6.1	3.9	2.6
Ordering code	B82442T	1473K050	1104K050	1224K050	1474K050
L_R	μH	1000	2200	4700	10000
Q _{min}		30	30	30	25
f _L ; f _Q	MHz	0.252	0.252	0.252	0.0796
I _R	mA	150	100	73	46
R _{max}	Ω	9.500	22.50	48.60	112
f _{res, min}	MHz	1.8	1.2	0.8	0.5
Ordering code	B82442T	1105K050	1225K050	1475K050	1106K050

SIMID® is a registered trademark · Tolerance: K = ±10%, M = ±20%; intermediate values on request



1.0 μH



4.7 μH



10 μH



22 μH



47 μH



100 μH



220 μH



470 μH



1000 μH



2200 μH



4700 μH



10000 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.