



Specifications:

Inductance: see table "xxxxxx"
 Test frequency: see table "xxxxxx"
 Rated current: see table "xxxxxx"
 Saturation current (L=25% drop): n.a.
 Self resonant frequency: see table "xxxxxx"
 Quality (100 kHz): see table "xxxxxx"
 Resistance: see table "xxxxxx"
 Operating temperature: -40°C to +125°C
 Material: n.a.
 Compliance: RoHS III (2015/863/EU)

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	drawn: D. Rauschert, 14.03.2018	Inductor	
	approved: C. Schmid, 14.03.2018		
	Part Number	ICSxxxxx22LAyT12	
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date: modification, name			

"xxxxxx"	"y"	Inductance (μH)	Q min.	SRF min. (MHz)	Rdc max. (Ω)	IDC max. (mA)	Test freq. (MHz)
221146	M	0.22	45	300	0.10	1400	25.2
271136	M	0.27	45	270	0.11	1320	25.2
331126	M	0.33	45	250	0.12	1280	25.2
391126	M	0.39	45	230	0.13	1200	25.2
471116	M	0.47	45	220	0.14	1150	25.2
561116	M	0.56	45	200	0.15	1100	25.2
681106	M	0.68	45	190	0.16	1030	25.2
821985	M	0.82	45	172	0.17	980	25.2
102925	M	1.0	45	157	0.19	920	25.2
122885	M	1.2	50	144	0.21	880	7.96
152835	M	1.5	50	131	0.23	830	7.96
182795	M	1.8	55	121	0.25	790	7.96
222755	M	2.2	55	110	0.28	750	7.96
272725	M	2.7	60	100	0.30	720	7.96
332675	K	3.3	65	94	0.34	670	7.96
392645	K	3.9	65	55	0.37	640	7.96
472625	K	4.7	70	56	0.39	620	7.96
562595	K	5.6	70	48	0.43	590	7.96
682555	K	6.8	75	37	0.48	550	7.96
822535	K	8.2	80	25	0.52	530	7.96
103505	K	10	65	21	0.58	500	7.96
123485	K	12	50	19	0.63	480	2.52
153465	K	15	50	17	0.72	460	2.52
183435	K	18	50	13	0.77	430	2.52
223415	K	22	50	9.6	0.84	410	2.52
273395	K	27	55	7.2	0.94	390	2.52
333375	K	33	55	6.6	1.03	370	2.52
393355	K	39	50	6.6	1.12	350	2.52
473345	K	47	45	6.3	1.22	340	2.52
563325	K	56	40	6.2	1.34	320	2.52
683305	K	68	40	5.7	1.47	305	2.52
823295	K	82	35	5.3	1.62	290	2.52
104275	K	100	30	4.8	1.8	275	2.52
124185	K	120	55	3.8	3.7	185	0.796
154175	K	150	45	3.5	4.2	175	0.796

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10/19, Update, dr			
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"xxxxxx"	"y"	Inductance (µH)	Q min.	SRF min. (MHz)	Rdc max. (Ω)	IDC max. (mA)	Test freq. (MHz)
184165	K	180	50	3.3	4.6	165	0.796
224155	K	220	55	3.0	5.1	155	0.796
274145	K	270	65	2.8	5.8	145	0.796
334135	K	330	65	2.6	6.4	137	0.796
394135	K	390	65	2.4	7	133	0.796
474125	K	470	60	2.25	7.7	126	0.796
564125	K	560	60	2.1	8.5	120	0.796
684115	K	680	55	1.95	9.4	113	0.796
824105	K	820	55	1.85	10.5	105	0.796
105105	K/J	1000	50	1.4	14	100	0.796
225504	K	2200	45	0.80	35	75	0.252
335654	K	3300	30	0.65	65	65	0.252

Inductance tolerance: K = +/-10%; M = +/-20%; J = +/-5%

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