Wire-wound Ferrite Inductors LSQB/LSQC/LSQE series for General Electronic Equipment for Consumer

シリーズ前の記号は、品番から抽出したものであり、製品の種類や特性などの区分を示すためのものです。

REFLOW

■PART NUMBER

＊ Operating Temp.: −40〜+105℃ (Including self-generated heat)

L	S	Q	B	A	2	0	1	2	1	2	T	1	0	0	M		
①				②	③				④		⑤	⑥			⑦	⑧	⑨

①Series

Code (1)(2)(3)(4)	
LSQB	Wire-wound Ferrite Inductor for General Electronic Equipment for Consumer
LSQC	Wire-wound Ferrite Inductor for General Electronic Equipment for Consumer
LSQE	Wire-wound Ferrite Inductor for General Electronic Equipment for Consumer

(1) Product Group

Code	
L	Inductors

(2) Category

Code	Recommended equipment	Quality Grade
S	General Electronic Equipment for Consumer	3

(3) Type

Code	
Q	Ferrite Wire-wound (Horizontal type)

(4) Features, Characteristics

Code	
B	Standard
C	High current
E	Low Rdc

②Features

Code	Feature
A	5-surface electrode (Ag-resin × Sn-plate)
B	L-shape electrode (Ag-resin × Sn-plate)

③Dimensions (L × W)

Code	Type (inch)	Dimensions (L × W) [mm]
1608	1608 (0603)	1.6 × 0.8
2012	2012 (0805)	2.0 × 1.25
2016	2016 (0806)	2.0 × 1.6
2518	2518 (1007)	2.5 × 1.8
3218	3218 (1207)	3.2 × 1.8
3225	3225 (1210)	3.2 × 2.5

④Dimensions (T)

Code	Dimensions (T) [mm]
08	0.8
12	1.25
16	1.6
18	1.8
25	2.5

⑤Packaging

Code	Packaging
T	Taping

⑥Nominal inductance

Code (example)	Nominal inductance [μH]
1R0	1.0
100	10
101	100

※R=Decimal point

⑦Inductance tolerance

Code	Inductance tolerance
K	±10%
M	±20%

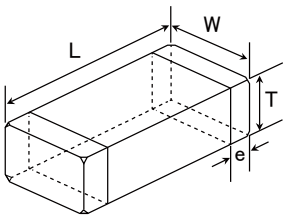
⑧Special code

Code	Special code
R	Low Rdc type

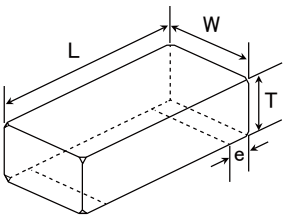
⑨Internal code

■STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY

5-surface electrode

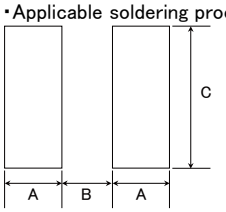


L-shape electrode



Recommended Land Patterns
Surface Mounting

・Mounting and soldering conditions should be checked beforehand.
・Applicable soldering process to these products is reflow soldering only.



Type	A	B	C
A1608	0.55	0.7	0.9
B1608	0.55	0.7	1.0
A2012	0.60	1.0	1.45
A2016	0.60	1.0	1.8
A2518	0.60	1.5	2.0
A3218	0.85	1.7	2.0
A3225	0.85	1.7	2.7

Unit : mm

Type	L	W	T	e	Standard quantity[pcs]	
					Paper tape	Embossed tape
A160808	1.6±0.1 (0.063±0.004)	0.8±0.1 (0.031±0.004)	0.8±0.1 (0.031±0.004)	0.35±0.15 (0.014±0.006)	4000	—
B160808	1.6±0.2 (0.063±0.008)	0.8±0.2 (0.031±0.008)	0.8±0.2 (0.031±0.008)	0.45±0.15 (0.016±0.006)	—	3000
A201212	2.0±0.2 (0.079±0.008)	1.25±0.2 (0.049±0.008)	1.25±0.2 (0.049±0.008)	0.5±0.2 (0.020±0.008)	—	3000
A201616	2.0±0.2 (0.079±0.008)	1.6±0.2 (0.063±0.008)	1.6±0.2 (0.063±0.008)	0.5±0.2 (0.020±0.008)	—	2000
A251818	2.5±0.2 (0.098±0.008)	1.8±0.2 (0.071±0.008)	1.8±0.2 (0.071±0.008)	0.5±0.2 (0.020±0.008)	—	2000
A321818	3.2±0.2 (0.126±0.008)	1.8±0.2 (0.071±0.008)	1.8±0.2 (0.071±0.008)	0.6±0.2 (0.024±0.008)	—	2000
A322525	3.2±0.2 (0.126±0.008)	2.5±0.2 (0.098±0.008)	2.5±0.2 (0.098±0.008)	0.6±0.3 (0.024±0.012)	—	1000

Unit : mm (inch)

■PART NUMBER

●1608(0603) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA160808T1R0M	LB 1608T1R0M	RoHS	1.0	±20%	100	0.17	160	7.96
LSQBA160808T2R2M	LB 1608T2R2M	RoHS	2.2	±20%	80	0.33	115	7.96
LSQBA160808T4R7M	LB 1608T4R7M	RoHS	4.7	±20%	45	0.55	70	7.96
LSQBA160808T8R2M	LB 1608T8R2M	RoHS	8.2	±20%	32	0.70	60	2.52
LSQBA160808T100M	LB 1608T100M	RoHS	10	±20%	32	0.70	60	2.52

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBB160808T1R0M	LBMF1608T1R0M	RoHS	1.0	±20%	100	0.09	230	7.96
LSQBB160808T2R2M	LBMF1608T2R2M	RoHS	2.2	±20%	80	0.17	160	7.96
LSQBB160808T3R3M	LBMF1608T3R3M	RoHS	3.3	±20%	60	0.22	130	7.96
LSQBB160808T4R7M	LBMF1608T4R7M	RoHS	4.7	±20%	45	0.24	110	7.96
LSQBB160808T100K	LBMF1608T100K	RoHS	10	±10%	32	0.36	80	2.52
LSQBB160808T100M	LBMF1608T100M	RoHS	10	±20%	32	0.36	80	2.52
LSQBB160808T220K	LBMF1608T220K	RoHS	22	±10%	16	1.0	50	2.52
LSQBB160808T220M	LBMF1608T220M	RoHS	22	±20%	16	1.0	50	2.52
LSQBB160808T470K	LBMF1608T470K	RoHS	47	±10%	11	2.5	35	2.52
LSQBB160808T470M	LBMF1608T470M	RoHS	47	±20%	11	2.5	35	2.52

●2012(0805) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA201212T1R0M	LB 2012T1R0M	RoHS	1.0	±20%	100	0.15	405	7.96
LSQBA201212T2R2M	LB 2012T2R2M	RoHS	2.2	±20%	80	0.23	260	7.96
LSQBA201212T3R3M	LB 2012T3R3M	RoHS	3.3	±20%	55	0.30	235	7.96
LSQBA201212T4R7M	LB 2012T4R7M	RoHS	4.7	±20%	45	0.40	190	7.96
LSQBA201212T6R8M	LB 2012T6R8M	RoHS	6.8	±20%	38	0.47	135	7.96
LSQBA201212T100K	LB 2012T100K	RoHS	10	±10%	32	0.70	120	2.52
LSQBA201212T100M	LB 2012T100M	RoHS	10	±20%	32	0.70	120	2.52
LSQBA201212T100KR	LB 2012T100KR	RoHS	10	±10%	32	0.50	120	2.52
LSQBA201212T100MR	LB 2012T100MR	RoHS	10	±20%	32	0.50	120	2.52
LSQBA201212T150K	LB 2012T150K	RoHS	15	±10%	28	1.3	100	2.52
LSQBA201212T150M	LB 2012T150M	RoHS	15	±20%	28	1.3	100	2.52
LSQBA201212T220K	LB 2012T220K	RoHS	22	±10%	16	1.7	80	2.52
LSQBA201212T220M	LB 2012T220M	RoHS	22	±20%	16	1.7	80	2.52
LSQBA201212T470K	LB 2012T470K	RoHS	47	±10%	11	3.7	60	2.52
LSQBA201212T470M	LB 2012T470M	RoHS	47	±20%	11	3.7	60	2.52
LSQBA201212T680K	LB 2012T680K	RoHS	68	±10%	10	6.0	50	2.52
LSQBA201212T680M	LB 2012T680M	RoHS	68	±20%	10	6.0	50	2.52
LSQBA201212T101K	LB 2012T101K	RoHS	100	±10%	8	7.0	45	0.796
LSQBA201212T101M	LB 2012T101M	RoHS	100	±20%	8	7.0	45	0.796

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQCA201212T1R0M	LB C2012T1R0M	RoHS	1.0	±20%	100	0.19	620	7.96
LSQCA201212T2R2M	LB C2012T2R2M	RoHS	2.2	±20%	70	0.33	430	7.96
LSQCA201212T4R7M	LB C2012T4R7M	RoHS	4.7	±20%	45	0.50	295	7.96
LSQCA201212T100K	LB C2012T100K	RoHS	10	±10%	40	1.2	200	2.52
LSQCA201212T100M	LB C2012T100M	RoHS	10	±20%	40	1.2	200	2.52
LSQCA201212T220K	LB C2012T220K	RoHS	22	±10%	16	3.7	130	2.52
LSQCA201212T220M	LB C2012T220M	RoHS	22	±20%	16	3.7	130	2.52
LSQCA201212T470K	LB C2012T470K	RoHS	47	±10%	11	5.8	90	2.52
LSQCA201212T470M	LB C2012T470M	RoHS	47	±20%	11	5.8	90	2.52

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQEA201212T1R0M	LB R2012T1R0M	RoHS	1.0	±20%	100	0.07	400	7.96
LSQEA201212T2R2M	LB R2012T2R2M	RoHS	2.2	±20%	80	0.13	260	7.96
LSQEA201212T4R7M	LB R2012T4R7M	RoHS	4.7	±20%	45	0.24	200	7.96
LSQEA201212T100K	LB R2012T100K	RoHS	10	±10%	32	0.36	150	2.52
LSQEA201212T100M	LB R2012T100M	RoHS	10	±20%	32	0.36	150	2.52
LSQEA201212T220K	LB R2012T220K	RoHS	22	±10%	16	1.0	100	2.52
LSQEA201212T220M	LB R2012T220M	RoHS	22	±20%	16	1.0	100	2.52
LSQEA201212T470K	LB R2012T470K	RoHS	47	±10%	11	1.7	75	2.52
LSQEA201212T470M	LB R2012T470M	RoHS	47	±20%	11	1.7	75	2.52
LSQEA201212T101K	LB R2012T101K	RoHS	100	±10%	8	4.0	50	0.796
LSQEA201212T101M	LB R2012T101M	RoHS	100	±20%	8	4.0	50	0.796

LSQB/LSQC series
Rated Current : The maximum DC value having inductance decrease within 10 % and temperature increase within 20 degC by the application of DC bias.

LSQE series
Rated Current : The maximum DC value having inductance decrease within 20 % and temperature increase within 20 degC by the application of DC bias.

■PART NUMBER

●2016(0806) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA201616T1R0M	LB 2016T1R0M	RoHS	1.0	±20%	100	0.09	490	7.96
LSQBA201616T1R5M	LB 2016T1R5M	RoHS	1.5	±20%	80	0.11	380	7.96
LSQBA201616T2R2M	LB 2016T2R2M	RoHS	2.2	±20%	70	0.13	375	7.96
LSQBA201616T3R3M	LB 2016T3R3M	RoHS	3.3	±20%	55	0.20	285	7.96
LSQBA201616T4R7M	LB 2016T4R7M	RoHS	4.7	±20%	45	0.25	225	7.96
LSQBA201616T6R8M	LB 2016T6R8M	RoHS	6.8	±20%	38	0.35	200	7.96
LSQBA201616T100K	LB 2016T100K	RoHS	10	±10%	32	0.50	155	2.52
LSQBA201616T100M	LB 2016T100M	RoHS	10	±20%	32	0.50	155	2.52
LSQBA201616T150K	LB 2016T150K	RoHS	15	±10%	28	0.70	130	2.52
LSQBA201616T150M	LB 2016T150M	RoHS	15	±20%	28	0.70	130	2.52
LSQBA201616T220K	LB 2016T220K	RoHS	22	±10%	16	1.0	105	2.52
LSQBA201616T220M	LB 2016T220M	RoHS	22	±20%	16	1.0	105	2.52
LSQBA201616T330K	LB 2016T330K	RoHS	33	±10%	14	1.7	85	2.52
LSQBA201616T330M	LB 2016T330M	RoHS	33	±20%	14	1.7	85	2.52
LSQBA201616T470K	LB 2016T470K	RoHS	47	±10%	11	2.4	70	2.52
LSQBA201616T470M	LB 2016T470M	RoHS	47	±20%	11	2.4	70	2.52
LSQBA201616T680K	LB 2016T680K	RoHS	68	±10%	10	3.0	55	2.52
LSQBA201616T680M	LB 2016T680M	RoHS	68	±20%	10	3.0	55	2.52
LSQBA201616T101K	LB 2016T101K	RoHS	100	±10%	8	4.5	40	0.796
LSQBA201616T101M	LB 2016T101M	RoHS	100	±20%	8	4.5	40	0.796

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQCA201616T1R0M	LB C2016T1R0M	RoHS	1.0	±20%	100	0.10	690	7.96
LSQCA201616T1R5M	LB C2016T1R5M	RoHS	1.5	±20%	80	0.15	600	7.96
LSQCA201616T2R2M	LB C2016T2R2M	RoHS	2.2	±20%	70	0.20	520	7.96
LSQCA201616T3R3M	LB C2016T3R3M	RoHS	3.3	±20%	55	0.27	410	7.96
LSQCA201616T4R7M	LB C2016T4R7M	RoHS	4.7	±20%	45	0.37	355	7.96
LSQCA201616T6R8M	LB C2016T6R8M	RoHS	6.8	±20%	38	0.59	290	7.96
LSQCA201616T100K	LB C2016T100K	RoHS	10	±10%	32	0.82	245	2.52
LSQCA201616T100M	LB C2016T100M	RoHS	10	±20%	32	0.82	245	2.52
LSQCA201616T150K	LB C2016T150K	RoHS	15	±10%	28	1.2	200	2.52
LSQCA201616T150M	LB C2016T150M	RoHS	15	±20%	28	1.2	200	2.52
LSQCA201616T220K	LB C2016T220K	RoHS	22	±10%	16	1.8	165	2.52
LSQCA201616T220M	LB C2016T220M	RoHS	22	±20%	16	1.8	165	2.52
LSQCA201616T330K	LB C2016T330K	RoHS	33	±10%	14	2.8	135	2.52
LSQCA201616T330M	LB C2016T330M	RoHS	33	±20%	14	2.8	135	2.52
LSQCA201616T470K	LB C2016T470K	RoHS	47	±10%	11	4.3	110	2.52
LSQCA201616T470M	LB C2016T470M	RoHS	47	±20%	11	4.3	110	2.52
LSQCA201616T680K	LB C2016T680K	RoHS	68	±10%	10	7.0	95	2.52
LSQCA201616T680M	LB C2016T680M	RoHS	68	±20%	10	7.0	95	2.52
LSQCA201616T101K	LB C2016T101K	RoHS	100	±10%	8	8.0	75	0.796
LSQCA201616T101M	LB C2016T101M	RoHS	100	±20%	8	8.0	75	0.796

●2518(1007) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA251818T1R0M	LB 2518T1R0M	RoHS	1.0	±20%	100	0.06	665	7.96
LSQBA251818T1R5M	LB 2518T1R5M	RoHS	1.5	±20%	80	0.07	405	7.96
LSQBA251818T2R2M	LB 2518T2R2M	RoHS	2.2	±20%	68	0.09	340	7.96
LSQBA251818T3R3M	LB 2518T3R3M	RoHS	3.3	±20%	54	0.11	280	7.96
LSQBA251818T4R7M	LB 2518T4R7M	RoHS	4.7	±20%	46	0.13	240	7.96
LSQBA251818T4R7MR	LB 2518T4R7MR	RoHS	4.7	±20%	46	0.10	235	7.96
LSQBA251818T6R8M	LB 2518T6R8M	RoHS	6.8	±20%	38	0.15	195	7.96
LSQBA251818T100K	LB 2518T100K	RoHS	10	±10%	30	0.25	165	2.52
LSQBA251818T100M	LB 2518T100M	RoHS	10	±20%	30	0.25	165	2.52
LSQBA251818T150K	LB 2518T150K	RoHS	15	±10%	23	0.32	145	2.52
LSQBA251818T150M	LB 2518T150M	RoHS	15	±20%	23	0.32	145	2.52
LSQBA251818T220K	LB 2518T220K	RoHS	22	±10%	19	0.50	115	2.52
LSQBA251818T220M	LB 2518T220M	RoHS	22	±20%	19	0.50	115	2.52
LSQBA251818T330K	LB 2518T330K	RoHS	33	±10%	15	0.70	95	2.52
LSQBA251818T330M	LB 2518T330M	RoHS	33	±20%	15	0.70	95	2.52
LSQBA251818T470K	LB 2518T470K	RoHS	47	±10%	12	0.95	85	2.52
LSQBA251818T470M	LB 2518T470M	RoHS	47	±20%	12	0.95	85	2.52
LSQBA251818T680K	LB 2518T680K	RoHS	68	±10%	9.5	1.5	70	2.52
LSQBA251818T680M	LB 2518T680M	RoHS	68	±20%	9.5	1.5	70	2.52
LSQBA251818T101K	LB 2518T101K	RoHS	100	±10%	9.0	2.1	60	0.796
LSQBA251818T101M	LB 2518T101M	RoHS	100	±20%	9.0	2.1	60	0.796
LSQBA251818T151K	LB 2518T151K	RoHS	150	±10%	7.0	3.2	45	0.796
LSQBA251818T151M	LB 2518T151M	RoHS	150	±20%	7.0	3.2	45	0.796
LSQBA251818T221K	LB 2518T221K	RoHS	220	±10%	5.5	4.5	40	0.796
LSQBA251818T221M	LB 2518T221M	RoHS	220	±20%	5.5	4.5	40	0.796
LSQBA251818T331K	LB 2518T331K	RoHS	330	±10%	4.5	7.0	30	0.796
LSQBA251818T331M	LB 2518T331M	RoHS	330	±20%	4.5	7.0	30	0.796
LSQBA251818T471K	LB 2518T471K	RoHS	470	±10%	3.5	10	25	0.796
LSQBA251818T471M	LB 2518T471M	RoHS	470	±20%	3.5	10	25	0.796
LSQBA251818T681K	LB 2518T681K	RoHS	680	±10%	3.0	17	20	0.796
LSQBA251818T681M	LB 2518T681M	RoHS	680	±20%	3.0	17	20	0.796
LSQBA251818T102K	LB 2518T102K	RoHS	1000	±10%	2.4	24	15	0.252
LSQBA251818T102M	LB 2518T102M	RoHS	1000	±20%	2.4	24	15	0.252

LSQB/LSQC series
Rated Current : The maximum DC value having inductance decrease within 10 % and temperature increase within 20 degC by the application of DC bias.

LSQE series
Rated Current : The maximum DC value having inductance decrease within 20 % and temperature increase within 20 degC by the application of DC bias.

■PART NUMBER

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQCA251818T1R0M	LB C2518T1R0M	RoHS	1.0	±20%	100	0.08	775	7.96
LSQCA251818T1R0MR	LB C2518T1R0MR	RoHS	1.0	±20%	100	0.07	890	7.96
LSQCA251818T1R5M	LB C2518T1R5M	RoHS	1.5	±20%	80	0.11	730	7.96
LSQCA251818T2R2M	LB C2518T2R2M	RoHS	2.2	±20%	68	0.13	630	7.96
LSQCA251818T3R3M	LB C2518T3R3M	RoHS	3.3	±20%	54	0.16	560	7.96
LSQCA251818T4R7M	LB C2518T4R7M	RoHS	4.7	±20%	41	0.20	510	7.96
LSQCA251818T6R8M	LB C2518T6R8M	RoHS	6.8	±20%	38	0.30	420	7.96
LSQCA251818T100K	LB C2518T100K	RoHS	10	±10%	30	0.36	375	2.52
LSQCA251818T100M	LB C2518T100M	RoHS	10	±20%	30	0.36	375	2.52
LSQCA251818T150K	LB C2518T150K	RoHS	15	±10%	23	0.65	285	2.52
LSQCA251818T150M	LB C2518T150M	RoHS	15	±20%	23	0.65	285	2.52
LSQCA251818T220K	LB C2518T220K	RoHS	22	±10%	19	0.77	250	2.52
LSQCA251818T220M	LB C2518T220M	RoHS	22	±20%	19	0.77	250	2.52
LSQCA251818T330K	LB C2518T330K	RoHS	33	±10%	15	1.5	185	2.52
LSQCA251818T330M	LB C2518T330M	RoHS	33	±20%	15	1.5	185	2.52
LSQCA251818T470K	LB C2518T470K	RoHS	47	±10%	12	1.9	165	2.52
LSQCA251818T470M	LB C2518T470M	RoHS	47	±20%	12	1.9	165	2.52
LSQCA251818T680K	LB C2518T680K	RoHS	68	±10%	9.5	2.8	140	2.52
LSQCA251818T680M	LB C2518T680M	RoHS	68	±20%	9.5	2.8	140	2.52
LSQCA251818T101K	LB C2518T101K	RoHS	100	±10%	9.0	3.7	125	0.796
LSQCA251818T101M	LB C2518T101M	RoHS	100	±20%	9.0	3.7	125	0.796
LSQCA251818T151K	LB C2518T151K	RoHS	150	±10%	7.0	6.1	95	0.796
LSQCA251818T151M	LB C2518T151M	RoHS	150	±20%	7.0	6.1	95	0.796
LSQCA251818T221K	LB C2518T221K	RoHS	220	±10%	5.5	8.4	80	0.796
LSQCA251818T221M	LB C2518T221M	RoHS	220	±20%	5.5	8.4	80	0.796
LSQCA251818T331K	LB C2518T331K	RoHS	330	±10%	4.5	12.3	65	0.796
LSQCA251818T331M	LB C2518T331M	RoHS	330	±20%	4.5	12.3	65	0.796
LSQCA251818T471K	LB C2518T471K	RoHS	470	±10%	3.5	22	50	0.796
LSQCA251818T471M	LB C2518T471M	RoHS	470	±20%	3.5	22	50	0.796
LSQCA251818T681K	LB C2518T681K	RoHS	680	±10%	3.0	28	45	0.796
LSQCA251818T681M	LB C2518T681M	RoHS	680	±20%	3.0	28	45	0.796

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQEA251818T1R0M	LB R2518T1R0M	RoHS	1.0	±20%	100	0.045	960	7.96
LSQEA251818T2R2M	LB R2518T2R2M	RoHS	2.2	±20%	68	0.07	480	7.96
LSQEA251818T4R7M	LB R2518T4R7M	RoHS	4.7	±20%	45	0.10	345	7.96
LSQEA251818T100K	LB R2518T100K	RoHS	10	±10%	30	0.19	235	2.52
LSQEA251818T100M	LB R2518T100M	RoHS	10	±20%	30	0.19	235	2.52
LSQEA251818T220K	LB R2518T220K	RoHS	22	±10%	19	0.44	175	2.52
LSQEA251818T220M	LB R2518T220M	RoHS	22	±20%	19	0.44	175	2.52
LSQEA251818T470K	LB R2518T470K	RoHS	47	±10%	11	0.84	120	2.52
LSQEA251818T470M	LB R2518T470M	RoHS	47	±20%	11	0.84	120	2.52
LSQEA251818T101K	LB R2518T101K	RoHS	100	±10%	9	1.89	80	0.796
LSQEA251818T101M	LB R2518T101M	RoHS	100	±20%	9	1.89	80	0.796

●3218(1207) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA321818T1R0M	LB 3218T1R0M	RoHS	1.0	±20%	100	0.06	1,075	7.96
LSQBA321818T1R5M	LB 3218T1R5M	RoHS	1.5	±20%	80	0.07	860	7.96
LSQBA321818T2R2M	LB 3218T2R2M	RoHS	2.2	±20%	68	0.09	775	7.96
LSQBA321818T3R3M	LB 3218T3R3M	RoHS	3.3	±20%	54	0.11	560	7.96
LSQBA321818T4R7M	LB 3218T4R7M	RoHS	4.7	±20%	41	0.13	550	7.96
LSQBA321818T6R8M	LB 3218T6R8M	RoHS	6.8	±20%	40	0.17	380	7.96
LSQBA321818T100K	LB 3218T100K	RoHS	10	±10%	30	0.25	340	2.52
LSQBA321818T100M	LB 3218T100M	RoHS	10	±20%	30	0.25	340	2.52
LSQBA321818T150K	LB 3218T150K	RoHS	15	±10%	25	0.32	300	2.52
LSQBA321818T150M	LB 3218T150M	RoHS	15	±20%	25	0.32	300	2.52
LSQBA321818T220K	LB 3218T220K	RoHS	22	±10%	19	0.49	255	2.52
LSQBA321818T220M	LB 3218T220M	RoHS	22	±20%	19	0.49	255	2.52
LSQBA321818T330K	LB 3218T330K	RoHS	33	±10%	15	0.75	215	2.52
LSQBA321818T330M	LB 3218T330M	RoHS	33	±20%	15	0.75	215	2.52
LSQBA321818T470K	LB 3218T470K	RoHS	47	±10%	12	0.92	205	2.52
LSQBA321818T470M	LB 3218T470M	RoHS	47	±20%	12	0.92	205	2.52
LSQBA321818T680K	LB 3218T680K	RoHS	68	±10%	11	1.49	145	2.52
LSQBA321818T680M	LB 3218T680M	RoHS	68	±20%	11	1.49	145	2.52
LSQBA321818T101K	LB 3218T101K	RoHS	100	±10%	8.0	2.4	140	0.796
LSQBA321818T101M	LB 3218T101M	RoHS	100	±20%	8.0	2.4	140	0.796
LSQBA321818T151K	LB 3218T151K	RoHS	150	±10%	7.0	3.2	105	0.796
LSQBA321818T151M	LB 3218T151M	RoHS	150	±20%	7.0	3.2	105	0.796
LSQBA321818T221K	LB 3218T221K	RoHS	220	±10%	5.0	5.4	80	0.796
LSQBA321818T221M	LB 3218T221M	RoHS	220	±20%	5.0	5.4	80	0.796
LSQBA321818T331K	LB 3218T331K	RoHS	330	±10%	4.0	7.0	65	0.796
LSQBA321818T331M	LB 3218T331M	RoHS	330	±20%	4.0	7.0	65	0.796
LSQBA321818T471K	LB 3218T471K	RoHS	470	±10%	3.5	14	54	0.796
LSQBA321818T471M	LB 3218T471M	RoHS	470	±20%	3.5	14	54	0.796
LSQBA321818T681K	LB 3218T681K	RoHS	680	±10%	3.0	17	45	0.796
LSQBA321818T681M	LB 3218T681M	RoHS	680	±20%	3.0	17	45	0.796
LSQBA321818T102K	LB 3218T102K	RoHS	1000	±10%	2.4	27	39	0.252
LSQBA321818T102M	LB 3218T102M	RoHS	1000	±20%	2.4	27	39	0.252

LSQB/LSQC series
Rated Current : The maximum DC value having inductance decrease within 10 % and temperature increase within 20 degC by the application of DC bias.

LSQE series
Rated Current : The maximum DC value having inductance decrease within 20 % and temperature increase within 20 degC by the application of DC bias.

■PART NUMBER

●3225(1210) type

New part number	Old part number (for reference)	EHS	Nominal inductance [μH]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] (±30%)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQCA322525T1R0MR	LB C3225T1R0MR	RoHS	1.0	±20%	250	0.055	1,100	0.1
LSQCA322525T1R5MR	LB C3225T1R5MR	RoHS	1.5	±20%	220	0.060	1,000	0.1
LSQCA322525T2R2MR	LB C3225T2R2MR	RoHS	2.2	±20%	190	0.080	930	0.1
LSQCA322525T3R3MR	LB C3225T3R3MR	RoHS	3.3	±20%	160	0.095	820	0.1
LSQCA322525T4R7MR	LB C3225T4R7MR	RoHS	4.7	±20%	70	0.100	680	0.1
LSQCA322525T6R8MR	LB C3225T6R8MR	RoHS	6.8	±20%	50	0.120	620	0.1
LSQCA322525T100KR	LB C3225T100KR	RoHS	10	±10%	23	0.133	540	0.1
LSQCA322525T100MR	LB C3225T100MR	RoHS	10	±20%	23	0.133	540	0.1
LSQCA322525T150KR	LB C3225T150KR	RoHS	15	±10%	20	0.195	420	0.1
LSQCA322525T150MR	LB C3225T150MR	RoHS	15	±20%	20	0.195	420	0.1
LSQCA322525T220KR	LB C3225T220KR	RoHS	22	±10%	17	0.27	330	0.1
LSQCA322525T220MR	LB C3225T220MR	RoHS	22	±20%	17	0.27	330	0.1
LSQCA322525T330KR	LB C3225T330KR	RoHS	33	±10%	13	0.41	300	0.1
LSQCA322525T330MR	LB C3225T330MR	RoHS	33	±20%	13	0.41	300	0.1
LSQCA322525T470KR	LB C3225T470KR	RoHS	47	±10%	10	0.67	220	0.1
LSQCA322525T470MR	LB C3225T470MR	RoHS	47	±20%	10	0.67	220	0.1
LSQCA322525T680KR	LB C3225T680KR	RoHS	68	±10%	8	1.0	190	0.1
LSQCA322525T680MR	LB C3225T680MR	RoHS	68	±20%	8	1.0	190	0.1
LSQCA322525T101KR	LB C3225T101KR	RoHS	100	±10%	6	1.4	150	0.1
LSQCA322525T101MR	LB C3225T101MR	RoHS	100	±20%	6	1.4	150	0.1

LSQB/LSQC series
Rated Current : The maximum DC value having inductance decrease within 10 % and temperature increase within 20 degC by the application of DC bias.

LSQE series
Rated Current : The maximum DC value having inductance decrease within 20 % and temperature increase within 20 degC by the application of DC bias.