

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°C (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

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

(3) Type

Code	
Q	Ferrite Wire-wound (Horizontal type)

(4) Features, Characteristics

Code	
B	Standard
C	High current
E	Low Rdc

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%

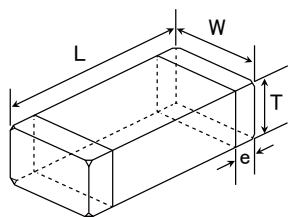
⑧Special code

Code	Special code
R	Low Rdc type

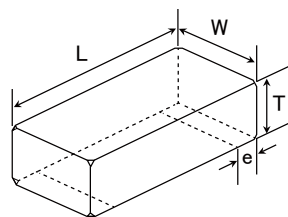
⑨Internal code

■ STANDARD EXTERNAL DIMENSIONS / STANDARD QUANTITY

5-surface electrode



L-shape electrode

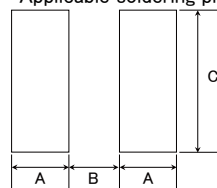


Recommended Land Patterns

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 [μ H]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] ($\pm 30\%$)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA160808T1R0M	LB 1608T1R0M	RoHS	1.0	$\pm 20\%$	100	0.17	160	7.96
LSQBA160808T2R2M	LB 1608T2R2M	RoHS	2.2	$\pm 20\%$	80	0.33	115	7.96
LSQBA160808T4R7M	LB 1608T4R7M	RoHS	4.7	$\pm 20\%$	45	0.55	70	7.96
LSQBA160808T8R2M	LB 1608T8R2M	RoHS	8.2	$\pm 20\%$	32	0.70	60	2.52
LSQBA160808T100M	LB 1608T100M	RoHS	10	$\pm 20\%$	32	0.70	60	2.52

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

● 2012 (0805) type

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

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

New part number	Old part number (for reference)	EHS	Nominal inductance [μ H]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] ($\pm 30\%$)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQEA201212T1R0M	LB R2012T1R0M	RoHS	1.0	$\pm 20\%$	100	0.07	400	7.96
LSQEA201212T2R2M	LB R2012T2R2M	RoHS	2.2	$\pm 20\%$	80	0.13	260	7.96
LSQEA201212T4R7M	LB R2012T4R7M	RoHS	4.7	$\pm 20\%$	45	0.24	200	7.96
LSQEA201212T100K	LB R2012T100K	RoHS	10	$\pm 10\%$	32	0.36	150	2.52
LSQEA201212T100M	LB R2012T100M	RoHS	10	$\pm 20\%$	32	0.36	150	2.52
LSQEA201212T220K	LB R2012T220K	RoHS	22	$\pm 10\%$	16	1.0	100	2.52
LSQEA201212T220M	LB R2012T220M	RoHS	22	$\pm 20\%$	16	1.0	100	2.52
LSQEA201212T470K	LB R2012T470K	RoHS	47	$\pm 10\%$	11	1.7	75	2.52
LSQEA201212T470M	LB R2012T470M	RoHS	47	$\pm 20\%$	11	1.7	75	2.52
LSQEA201212T101K	LB R2012T101K	RoHS	100	$\pm 10\%$	8	4.0	50	0.796
LSQEA201212T101M	LB R2012T101M	RoHS	100	$\pm 20\%$	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 [μ H]	Inductance tolerance	Self-resonant frequency [MHz] (min.)	DC Resistance [Ω] ($\pm 30\%$)	Rated current [mA] (max.)	Measuring frequency [MHz]
LSQBA201616T1R0M	LB 2016T1R0M	RoHS	1.0	$\pm 20\%$	100	0.09	490	7.96
LSQBA201616T1R5M	LB 2016T1R5M	RoHS	1.5	$\pm 20\%$	80	0.11	380	7.96
LSQBA201616T2R2M	LB 2016T2R2M	RoHS	2.2	$\pm 20\%$	70	0.13	375	7.96
LSQBA201616T3R3M	LB 2016T3R3M	RoHS	3.3	$\pm 20\%$	55	0.20	285	7.96
LSQBA201616T4R7M	LB 2016T4R7M	RoHS	4.7	$\pm 20\%$	45	0.25	225	7.96
LSQBA201616T6R8M	LB 2016T6R8M	RoHS	6.8	$\pm 20\%$	38	0.35	200	7.96
LSQBA201616T100K	LB 2016T100K	RoHS	10	$\pm 10\%$	32	0.50	155	2.52
LSQBA201616T100M	LB 2016T100M	RoHS	10	$\pm 20\%$	32	0.50	155	2.52
LSQBA201616T150K	LB 2016T150K	RoHS	15	$\pm 10\%$	28	0.70	130	2.52
LSQBA201616T150M	LB 2016T150M	RoHS	15	$\pm 20\%$	28	0.70	130	2.52
LSQBA201616T220K	LB 2016T220K	RoHS	22	$\pm 10\%$	16	1.0	105	2.52
LSQBA201616T220M	LB 2016T220M	RoHS	22	$\pm 20\%$	16	1.0	105	2.52
LSQBA201616T330K	LB 2016T330K	RoHS	33	$\pm 10\%$	14	1.7	85	2.52
LSQBA201616T330M	LB 2016T330M	RoHS	33	$\pm 20\%$	14	1.7	85	2.52
LSQBA201616T470K	LB 2016T470K	RoHS	47	$\pm 10\%$	11	2.4	70	2.52
LSQBA201616T470M	LB 2016T470M	RoHS	47	$\pm 20\%$	11	2.4	70	2.52
LSQBA201616T680K	LB 2016T680K	RoHS	68	$\pm 10\%$	10	3.0	55	2.52
LSQBA201616T680M	LB 2016T680M	RoHS	68	$\pm 20\%$	10	3.0	55	2.52
LSQBA201616T101K	LB 2016T101K	RoHS	100	$\pm 10\%$	8	4.5	40	0.796
LSQBA201616T101M	LB 2016T101M	RoHS	100	$\pm 20\%$	8	4.5	40	0.796

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

2518 (1007) type

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

► This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.

For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>) .

PART NUMBER

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

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

3218(1207) type

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

► This catalog contains the typical specification only due to the limitation of space. When you consider the purchase of our products, please check our specification.

For details of each product (characteristics graph, reliability information, precautions for use, and so on), see our Web site (<http://www.ty-top.com/>) .

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PART NUMBER

● 3225 (1210) type

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