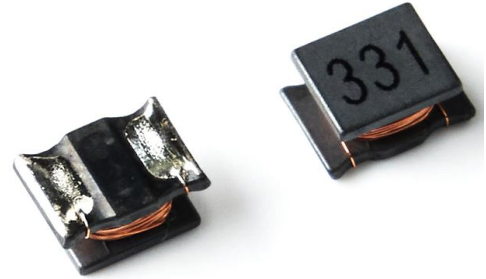


SPECIFICATION OF BS□□□□LQCMU SERIES

FEATURES

1. This miniature chip inductors wound on a special ferrite core.
2. Low DC resistance , high current capacity , and high saturation for surface mounting.
3. They are excellent for use as choke coil in DC power supply circuits.
4. Excellent solder heat resistance. Both flow and re flow soldering methods can be employed.



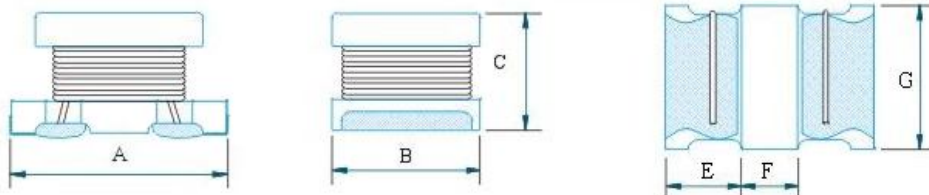
APPLICATIONS

Personal computers. Disk Drives and computer peripherals.
 Pagers, Cordless phone. DC power supply circuits.

ORDERING CODE

BS5750LQCMU 100 M I
 (1) (2) (3) (4)

- (1) PRODUCT TYPE CODE AND SIZE CODE
- (2) INDUCTANCE
- (3) INDUCTANCE TOLERANCE (K : ±10%, M : ±20%)
- (4) REEL TAPING



SHAPE & DIMENSIONS

UNIT:mm

SIZE CODE	A	B	C	E	F	G
BS3216LQCMU	3.2±0.3	1.6±0.2	1.8±0.2	1.5	1.0	1.5
BS3225LQCMU	3.2±0.3	2.5±0.2	2.0±0.2	1.5	1.0	2.0
BS4532LQCMU	4.5±0.3	3.2±0.2	2.6±0.2	2.0	1.2	3.0
BS5750LQCMU	5.7±0.3	5.0±0.3	4.7±0.3	2.0	2.0	5.0

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.

MINIATURE SURFACE MOUNT CHIP INDUCTORS → BS5750LQCMU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μH)	Test Frequency (MHz)	DC Resistance (Ω)max	Self Resonant Frequency (MHz)TYP	Isat (mA)max
BS5750LQCMUR12□T	0.12	100	0.0098	450	6000
BS5750LQCMUR27□T	0.27	100	0.0140	300	5300
BS5750LQCMUR47□T	0.47	100	0.0182	200	4800
BS5750LQCMU1R0□T	1.0	100	0.0270	150	4000
BS5750LQCMU1R5□T	1.5	100	0.0310	110	3700
BS5750LQCMU2R2□T	2.2	100	0.0410	80	3200
BS5750LQCMU3R3□T	3.3	100	0.0500	40	2900
BS5750LQCMU4R7□T	4.7	100	0.0574	30	2700
BS5750LQCMU6R8□T	6.8	100	0.1040	25	2000
BS5750LQCMU100□T	10	100	0.1300	20	1700
BS5750LQCMU150□T	15	100	0.2100	17	1400
BS5750LQCMU220□T	22	100	0.2660	15	1200
BS5750LQCMU330□T	33	100	0.4480	12	900
BS5750LQCMU470□T	47	100	0.5600	10	800
BS5750LQCMU680□T	68	100	0.9380	7.6	640
BS5750LQCMU101□T	100	100	1.2040	6.5	560
BS5750LQCMU151□T	150	100	2.6600	5.0	420
BS5750LQCMU221□T	220	100	3.3600	4.0	320
BS5750LQCMU331□T	330	100	6.1600	3.1	270
BS5750LQCMU471□T	470	100	7.5600	2.4	240
BS5750LQCMU681□T	680	100	11.3400	1.9	190
BS5750LQCMU102□T	1000	100	14.4200	1.7	150
BS5750LQCMU222□T	2200	100	30.1000	1.2	100
BS5750LQCMU472□T	4700	100	61.0400	0.8	70
BS5750LQCMU103□T	10000	100	140.0000	0.5	50

※Tolerance: K \pm 10%,M \pm 20%

※Isat:Based on Inductance decrease 10%

※All the data listed in this catalogue are for reference only, King Core reserves the right to alter or revise the specifications without prior notification.