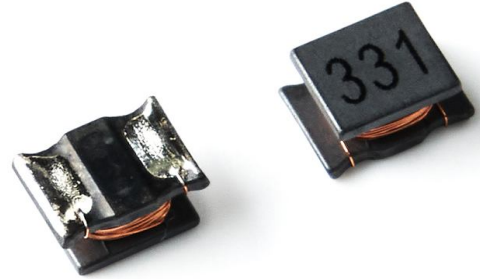


SPECIFICATION OF BS□□□□LQCMU SERIES

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.



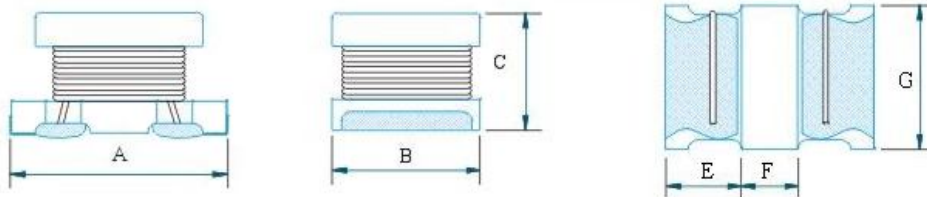
APPLICATIONS

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

ORDERING CODE

BS4532LQCMU 100 M T
 (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 → BS4532LQCMU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μH)	Test Frequency (MHz)	DC Resistance (Ω)max	Self Resonant Frequency (MHz)TYP	Isat (mA)max
BS4532LQCMU1R0□T	1.0	7.96	0.08	100	1080
BS4532LQCMU1R5□T	1.5	7.96	0.09	85	1000
BS4532LQCMU2R2□T	2.2	7.96	0.11	60	900
BS4532LQCMU3R3□T	3.3	7.96	0.13	47	800
BS4532LQCMU4R7□T	4.7	7.96	0.15	35	750
BS4532LQCMU6R8□T	6.8	7.96	0.20	30	720
BS4532LQCMU100□T	10	2.52	0.24	23	650
BS4532LQCMU150□T	15	2.52	0.32	20	570
BS4532LQCMU220□T	22	2.52	0.60	15	420
BS4532LQCMU330□T	33	2.52	1.00	12	310
BS4532LQCMU470□T	47	2.52	1.10	10	280
BS4532LQCMU680□T	68	2.52	1.70	8.4	220
BS4532LQCMU101□T	100	0.796	2.20	6.8	190
BS4532LQCMU151□T	150	0.796	3.50	5.5	130
BS4532LQCMU221□T	220	0.796	4.00	4.5	110
BS4532LQCMU331□T	330	0.796	6.80	3.6	100
BS4532LQCMU471□T	470	0.796	8.50	3.0	90

※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.