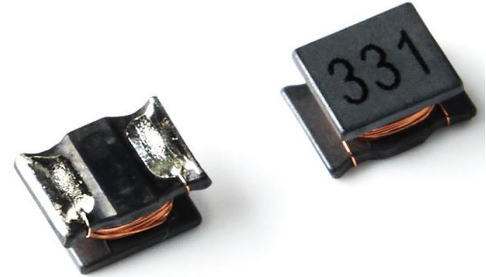


SPECIFICATION OF BS□□□□LQCMU SERIES

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.



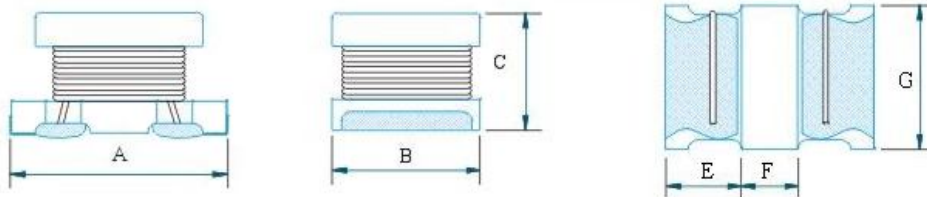
APPLICATIONS

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

ORDERING CODE

BS3216LQCMU 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 → BS3216LQCMU SERIES

ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance (μ H)	Test Frequency (MHz)	DC Resistance (Ω)max	Self Resonant Frequency (MHz)TYP	Isat (mA)max
BS3216LQCMUR12□T	0.12	25.2	0.112	250	970
BS3216LQCMUR22□T	0.22	25.2	0.140	250	850
BS3216LQCMUR47□T	0.47	25.2	0.210	180	700
BS3216LQCMU1R0□T	1.0	7.96	0.364	100	510
BS3216LQCMU2R2□T	2.2	7.96	0.533	50	430
BS3216LQCMU4R7□T	4.7	7.96	0.845	31	340
BS3216LQCMU100□T	10	2.52	1.690	20	230
BS3216LQCMU220□T	22	2.52	3.900	14	160
BS3216LQCMU470□T	47	2.52	10.400	10	100
BS3216LQCMU101□T	100	0.796	15.600	7	80

※Tolerance: K \pm 10%,M \pm 20%

※Isat:Based on Inductance decrease 10%

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