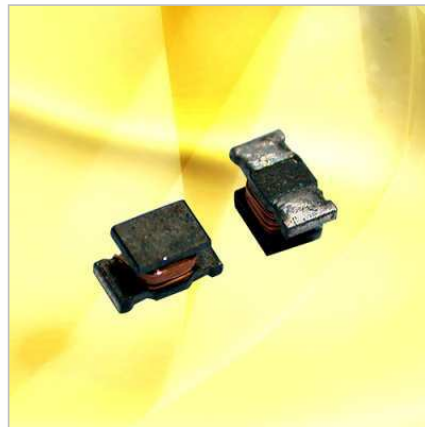


# SPECIFICATION OF BS□□□□LQCMU SERIES

## 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.



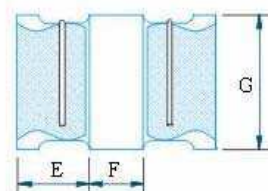
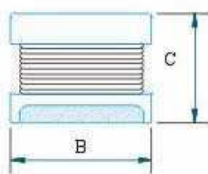
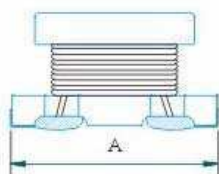
## APPLICATIONS

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

## ORDERING CODE

**BS3225LQCMU** **100** **M** **T**  
 (1) (2) (3) (4)

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



## SHAPE & DIMENSIONS

UNIT:mm

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

## ELECTRICAL CHARACTERISTIC

ORDERING CODE	Inductance ( $\mu\text{H}$ )	Test Frequency (MHz)	DC Resistance ( $\Omega$ )max	Self Resonant Frequency (MHz)TYP	IDC (mA)max
BS3225LQCMU1R0□T	1.0	7.96	0.078	100	1000
BS3225LQCMU2R2□T	2.2	7.96	0.126	64	790
BS3225LQCMU4R7□T	4.7	7.96	0.195	43	450
BS3225LQCMU100□T	10	2.52	0.572	26	300
BS3225LQCMU220□T	22	2.52	0.923	19	250
BS3225LQCMU470□T	47	2.52	1.690	15	170
BS3225LQCMU101□T	100	0.796	4.550	10	100
BS3225LQCMU221□T	220	0.796	10.920	6.8	70
BS3225LQCMU331□T	330	0.796	13.000	5.6	60
BS3225LQCMU391□T	390	0.796	22.100	5	60
BS3225LQCMU471□T	470	0.796	24.700	5	60
BS3225LQCMU561□T	560	0.796	28.600	5	60

□Tolerance: K $\pm$ 10%,M $\pm$ 20%

※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.