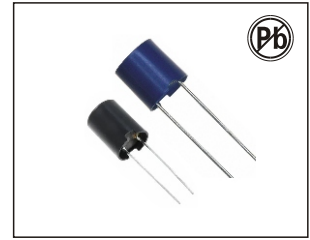


# THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR LGB1012C SERIES



## FEATURES:

- Plastic housing
- Water proof structure Ferrite Core
- Excellent Mechanical Strength
- Excellent Solderability
- High Reliability

## COMMON APPLICATIONS:

- VCRs, PDP, LCD, TV set
- Automotive Systems
- Computer Peripheral Equipment
- GPS, DC/DC convertor, XDSL Modem
- Electronic Games
- Communications Equipment
- General Electronic Applications

## ELECTRICAL CHARACTERISTICS:

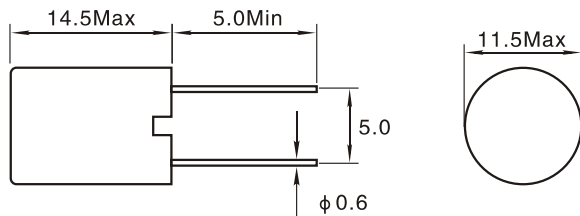
Part Number	L(uH) 10KHz,0.3V	DCR(Ω) Max	IDC(A) Max
LGB1012C-220M	22 ± 20%	0.031	2.2
LGB1012C-330M	33 ± 20%	0.048	1.6
LGB1012C-470K	47 ± 10%	0.059	1.6
LGB1012C-680K	68 ± 10%	0.086	1.4
LGB1012C-101K	100 ± 10%	0.11	1.4
LGB1012C-121K	120 ± 10%	0.15	1.1
LGB1012C-151K	150 ± 10%	0.16	1.1
LGB1012C-221K	220 ± 10%	0.26	0.8
LGB1012C-331K	330 ± 10%	0.35	0.8
LGB1012C-471K	470 ± 10%	0.53	0.6
LGB1012C-681K	680 ± 10%	0.78	0.45
LGB1012C-102K	1000 ± 10%	1.02	0.45
LGB1012C-152K	1500 ± 10%	1.55	0.39
LGB1012C-202K	2000 ± 10%	1.82	0.39

Note:1. K= ± 10%,M= ± 20%,N= ± 30%

## TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable) Inductance:HP4284A
  - RDC:QuadTech 1880 Milliohm meter
  - Q- HP4342A – SRF-HP4191A
  - IDC Max is decreased 10% against its initial value
  - Operating temperature: -40°C to +105°C
  - Storage Temperature: -40°C to +105°C
  - Solder methods: Vapor Phase,Infrared Reflow
  - Resistance to soldering heat:260°C for 10 seconds
  - Solvent resistance: Conforms to MIL-STD-202E
  - Marking: Inductance & Tolerance
- Note:All specifications subject to change without notice.

## PHYSICAL CHARACTERISTICS:



Note:All specifications subject to change without notice.