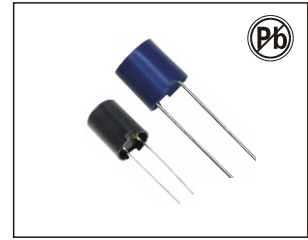


THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR LGB1015C SERIES



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
LGB1015C-220M	22 ± 20%	0.03	2.26
LGB1015C-330M	33 ± 20%	0.04	2.26
LGB1015C-470K	47 ± 10%	0.06	1.63
LGB1015C-680K	68 ± 10%	0.08	1.63
LGB1015C-101K	100 ± 10%	0.12	1.30
LGB1015C-121K	120 ± 10%	0.14	1.30
LGB1015C-151K	150 ± 10%	0.18	1.0
LGB1015C-221K	220 ± 10%	0.23	1.0
LGB1015C-331K	330 ± 10%	0.37	0.75
LGB1015C-471K	470 ± 10%	0.45	0.75
LGB1015C-681K	680 ± 10%	0.67	0.60
LGB1015C-102K	1000 ± 10%	1.10	0.46
LGB1015C-152K	1500 ± 10%	1.45	0.47
LGB1015C-182K	1800 ± 10%	1.60	0.46
LGB1015C-202K	2000 ± 10%	1.90	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.

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PHYSICAL CHARACTERISTICS:

