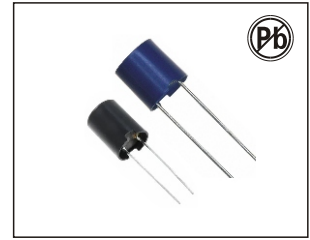


THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR LGB0709C SERIES



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 μ H	Test Freq KHz	DCR Ω Max	IDC Max A
LGB0709C-1R0M	1.00	1	0.006	5.00
LGB0709C-1R5M	1.50	1	0.008	4.30
LGB0709C-2R2M	2.20	1	0.011	3.70
LGB0709C-3R3M	3.30	1	0.018	2.90
LGB0709C-4R7M	4.70	1	0.022	2.60
LGB0709C-6R8M	6.80	1	0.028	2.30
LGB0709C-100M	10	1	0.043	1.90
LGB0709C-150M	15	1	0.056	1.60
LGB0709C-220M	22	1	0.086	1.30
LGB0709C-330M	33	1	0.140	1.00
LGB0709C-470M	47	1	0.170	0.94
LGB0709C-680M	68	1	0.280	0.73
LGB0709C-101K	100	1	0.330	0.67
LGB0709C-151K	150	1	0.560	0.52
LGB0709C-221K	220	1	0.720	0.46
LGB0709C-331K	330	1	1.100	0.37
LGB0709C-471K	470	1	1.700	0.30
LGB0709C-681K	680	1	2.300	0.26
LGB0709C-102K	1000	1	4.300	0.19
LGB0709C-152K	1500	1	5.000	0.16

Note:1. K= $\pm$ 10%,M= $\pm$ 20%,N= $\pm$ 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 $+105^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- 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:

