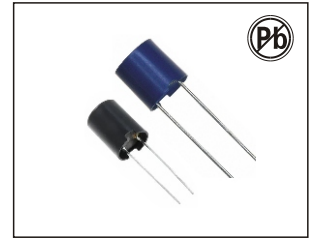


THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR LGB1112C SERIES



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:

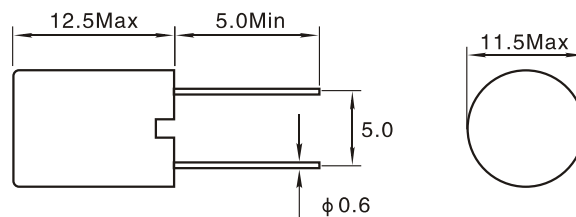
Part Number	L μ H	Test Freq KHz	DCR Ω Max	IDC Max A
LGB1112C-3R3M	3.30	1	0.010	5.90
LGB1112C-4R7M	4.70	1	0.015	4.80
LGB1112C-6R8M	6.80	1	0.016	4.60
LGB1112C-100M	10	1	0.025	3.70
LGB1112C-150M	15	1	0.029	3.40
LGB1112C-220M	22	1	0.040	2.90
LGB1112C-330M	33	1	0.062	2.30
LGB1112C-470M	47	1	0.075	2.10
LGB1112C-680M	68	1	0.130	1.60
LGB1112C-101K	100	1	0.160	1.40
LGB1112C-151K	150	1	0.260	1.10
LGB1112C-221K	220	1	0.330	1.00
LGB1112C-331K	330	1	0.520	0.82
LGB1112C-471K	470	1	0.660	0.72
LGB1112C-681K	680	1	1.100	0.56
LGB1112C-102K	1000	1	1.400	0.50
LGB1112C-152K	1500	1	2.400	0.38
LGB1112C-222K	2200	1	3.200	0.33
LGB1112C-332K	3300	1	4.900	0.26
LGB1112C-472K	4700	1	7.600	0.21
LGB1112C-682K	6800	1	9.800	0.18
LGB1112C-103K	10000	1	18.00	0.14
LGB1112C-153K	15000	1	24.00	0.12

Note:1. K= $\pm$ 10%,M= $\pm$ 20%,N= $\pm$ 30%

TECHNICAL INFORMATION:

- Testing: (Equivalent acceptable) Inductance:HP4284A
RDC:QuadTech 1880 Milliohmmer
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.