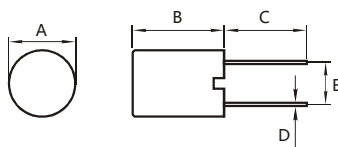


SH-GB 112C-1315C SERIES THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR



FEATURES:

- Plastic housing
- Water proof structure Ferrite Core
- Excellent Mechanical Strength
- Excellent Solderability
- High Reliability
- Packaging:
Tape & Reel is standard (Qty:2000pcs)
Bulk packaging available for smaller quantities
- Tolerance:10% and 5% is standard,
tighter tolerances available
- VCRs, PDP, LCD, TV set
- Automotive Systems
- Computer Peripheral Equipment
- GPS, DC/DC convertor, XDSL Modem
- Electronic Games
- Communications Equipment
- General Electronic Applications

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

Part number	A	B	C	D	E
SH-GB1112C	11.5Max	12.5Max	5.0Min	0.6	5.0
SH-GB1315C	14.0Max	17.0Max	5.0Min	0.6	5.0

dimension(mm)



Additional information:

We reserve the right to make technical changes or modify the contents of this document without prior notice.

SHARE Ltd. Does not accept any responsibility what so ever for potential errors or possible lack of information in this document.

We can offer that even custom-made transformers will be covered by approvals from UL, CSA, KEMA, etc., but we will be happy to assist you in implementing them. New approvals may be required.

STANDARD SPECIFICATIONS:

Part Number	L μH	Test Freq KHz	DCR Ω Max	IDC Max A	Part Number	L μH	Test Freq KHz	DCR Ω Max	IDC Max A
SH-GB1112C-3R3M	3.30	1	0.010	5.90	SH-GB1315C-100M	10	1	0.023	5.10
SH-GB1112C-4R7M	4.70	1	0.015	4.80	SH-GB1315C-150M	15	1	0.028	4.50
SH-GB1112C-6R8M	6.80	1	0.016	4.60	SH-GB1315C-220M	22	1	0.035	4.20
SH-GB1112C-100M	10	1	0.025	3.70	SH-GB1315C-330M	33	1	0.043	3.70
SH-GB1112C-150M	15	1	0.029	3.40	SH-GB1315C-470M	47	1	0.052	3.40
SH-GB1112C-220M	22	1	0.040	2.90	SH-GB1315C-680M	68	1	0.068	3.00
SH-GB1112C-330M	33	1	0.062	2.30	SH-GB1315C-101K	100	1	0.097	2.50
SH-GB1112C-470M	47	1	0.075	2.10	SH-GB1315C-151K	150	1	0.140	2.10
SH-GB1112C-680M	68	1	0.130	1.60	SH-GB1315C-221K	220	1	0.200	1.70
SH-GB1112C-101K	100	1	0.160	1.40	SH-GB1315C-331K	330	1	0.300	1.40
SH-GB1112C-151K	150	1	0.260	1.10	SH-GB1315C-471K	470	1	0.430	1.10
SH-GB1112C-221K	220	1	0.330	1.00	SH-GB1315C-681K	680	1	0.610	0.99
SH-GB1112C-331K	330	1	0.520	0.82	SH-GB1315C-102K	1000	1	1.000	0.78
SH-GB1112C-471K	470	1	0.660	0.72	SH-GB1315C-152K	1500	1	1.300	0.68
SH-GB1112C-681K	680	1	1.100	0.56	SH-GB1315C-222K	2200	1	2.000	0.55
SH-GB1112C-102K	1000	1	1.400	0.50	SH-GB1315C-332K	3300	1	3.100	0.44
SH-GB1112C-152K	1500	1	2.400	0.38	SH-GB1315C-472K	4700	1	4.400	0.37
SH-GB1112C-222K	2200	1	3.200	0.33	SH-GB1315C-682K	6800	1	6.500	0.30
SH-GB1112C-332K	3300	1	4.900	0.26	SH-GB1315C-103K	10000	1	10.00	0.24
SH-GB1112C-472K	4700	1	7.600	0.21					
SH-GB1112C-682K	6800	1	9.800	0.18					
SH-GB1112C-103K	10000	1	18.00	0.14					
SH-GB1112C-153K	15000	1	24.00	0.12					

Note:1. K=±10%,M=±20%