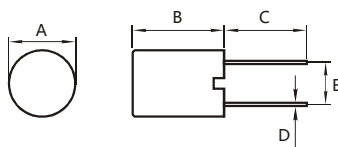


SH-GB 0709C-0809C SERIES THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTOR



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 converter, 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-GB0709C	8.0Max	9.6Max	5.0Min	0.6	5.0
SH-GB0809C	9.0Max	9.6Max	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-GB0709C-1R0M	1.00	1	0.006	5.00	SH-GB0809C-2R2M	2.20	1	0.011	4.00
SH-GB0709C-1R5M	1.50	1	0.008	4.30	SH-GB0809C-3R3M	3.30	1	0.013	3.40
SH-GB0709C-2R2M	2.20	1	0.011	3.70	SH-GB0809C-4R7M	4.70	1	0.017	3.00
SH-GB0709C-3R3M	3.30	1	0.018	2.90	SH-GB0809C-6R8M	6.80	1	0.023	2.60
SH-GB0709C-4R7M	4.70	1	0.022	2.60	SH-GB0809C-100M	10	1	0.031	2.20
SH-GB0709C-6R8M	6.80	1	0.028	2.30	SH-GB0809C-150M	15	1	0.042	1.90
SH-GB0709C-100M	10	1	0.043	1.90	SH-GB0809C-220M	22	1	0.070	1.50
SH-GB0709C-150M	15	1	0.056	1.60	SH-GB0809C-330M	33	1	0.092	1.20
SH-GB0709C-220M	22	1	0.086	1.30	SH-GB0809C-470M	47	1	0.130	1.00
SH-GB0709C-330M	33	1	0.140	1.00	SH-GB0809C-680M	68	1	0.160	0.97
SH-GB0709C-470M	47	1	0.170	0.94	SH-GB0809C-101K	100	1	0.230	0.81
SH-GB0709C-680M	68	1	0.280	0.73	SH-GB0809C-151K	150	1	0.400	0.61
SH-GB0709C-101K	100	1	0.330	0.67	SH-GB0809C-221K	220	1	0.530	0.53
SH-GB0709C-151K	150	1	0.560	0.52	SH-GB0809C-331K	330	1	0.780	0.44
SH-GB0709C-221K	220	1	0.720	0.46	SH-GB0809C-471K	470	1	1.000	0.39
SH-GB0709C-331K	330	1	1.100	0.37	SH-GB0809C-681K	680	1	1.500	0.32
SH-GB0709C-471K	470	1	1.700	0.30	SH-GB0809C-102K	1000	1	2.200	0.26
SH-GB0709C-681K	680	1	2.300	0.26	SH-GB0809C-152K	1500	1	3.500	0.21
SH-GB0709C-102K	1000	1	4.300	0.19					
SH-GB0709C-152K	1500	1	5.000	0.16					

Note:1. K=±10%,M=±20%