

THROUGH-HOLE RADIAL ENCAPSULATED POWER INDUCTORS FALGB0709C-0809C SERIES



FEATURES:

Plastic housing
Water proof structure Ferrite Core
Excellent Mechanical Strength
Excellent Solderability
High Reliability

OPTIONS:

Packaging:Tape & Reel is standard
(Qty:2000pcs)
Bulk packaging available for smaller quantities
Tolerance:10% and 5% is standard
tighter tolerances available

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 ohm Max	IDC Max A	Part Number	L μ H	Test Freq KHz	DCR ohm Max	IDC Max A
FALG B0709C-1R0M	1.00	1	0.006	5.00	FALG B0809C-2R2M	2.20	1	0.011	4.00
FALG B0709C-1R5M	1.50	1	0.008	4.30	FALG B0809C-3R3M	3.30	1	0.013	3.40
FALG B0709C-2R2M	2.20	1	0.011	3.70	FALG B0809C-4R7M	4.70	1	0.017	3.00
FALG B0709C-3R3M	3.30	1	0.018	2.90	FALG B0809C-6R8M	6.80	1	0.023	2.60
FALG B0709C-4R7M	4.70	1	0.022	2.60	FALG B0809C-100M	10	1	0.031	2.20
FALG B0709C-6R8M	6.80	1	0.028	2.30	FALG B0809C-150M	15	1	0.042	1.90
FALG B0709C-100M	10	1	0.043	1.90	FALG B0809C-220M	22	1	0.070	1.50
FALG B0709C-150M	15	1	0.056	1.60	FALG B0809C-330M	33	1	0.092	1.20
FALG B0709C-220M	22	1	0.086	1.30	FALG B0809C-470M	47	1	0.130	1.00
FALG B0709C-330M	33	1	0.140	1.00	FALG B0809C-680M	68	1	0.160	0.97
FALG B0709C-470M	47	1	0.170	0.94	FALG B0809C-101K	100	1	0.230	0.81
FALG B0709C-680M	68	1	0.280	0.73	FALG B0809C-151K	150	1	0.400	0.61
FALG B0709C-101K	100	1	0.330	0.67	FALG B0809C-221K	220	1	0.530	0.53
FALG B0709C-151K	150	1	0.560	0.52	FALG B0809C-331K	330	1	0.780	0.44
FALG B0709C-221K	220	1	0.720	0.46	FALG B0809C-471K	470	1	1.000	0.39
FALG B0709C-331K	330	1	1.100	0.37	FALG B0809C-681K	680	1	1.500	0.32
FALG B0709C-471K	470	1	1.700	0.30	FALG B0809C-102K	1000	1	2.200	0.26
FALG B0709C-681K	680	1	2.300	0.26	FALG B0809C-152K	1500	1	3.500	0.21
FALG B0709C-102K	1000	1	4.300	0.19					
FALG B0709C-152K	1500	1	5.000	0.16					

Note:1. K=±10%,M=±20%,N=±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

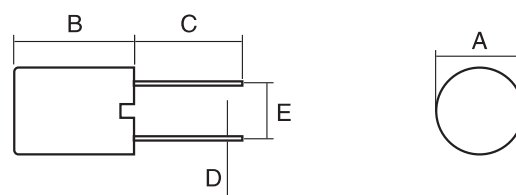
Solder methods: Vapor Phase,Infrared Reflo

Resistance to soldering heat:260°C for 10 seconds

Solvent resistance: Conforms to MIL-STD-202E

Marking: Inductance & Tolerance

PHYSICAL CHARACTERISTICS



DIMENSIONS in mm

Part number	A	B	C	D	E
FALG B0709C	8.0Max	9.6Max	5.0Min	0.6	5.0
FALG B0809C	9.0Max	9.6Max	5.0Min	0.6	5.0

Note:All specifications subject to change without notice.