



LGA-0305 SERIES

Through Hole Axial Conformal Coated Inductor

FEATURES

- Ferrite Core
- Wire-wound construction
- Heat resistant epoxy resin
- High reliability
- Ideal for automatic insertion
- Small size , Low Cost

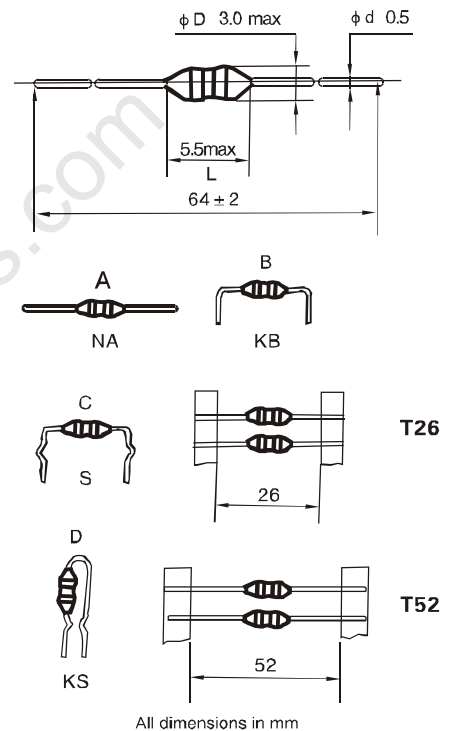
OPTIONS

- Packaging: Tape & Reel is Standard (Qty: 1000 pcs)
- Bulk packaging available for smaller quantities.
- Tolerance:10% is standard.
- Lower tolerances available.

APPLICATIONS

- VCRs, PDP, LCD, TV set
- Automotive Systems
- Computer Peripheral Equipment
- GPS, DC/DC convertor, XDSL Modem
- Electronic Games
- Mobile Communications Equipment
- General Electronic Applications

Part Number	L μH	Tol. ±%	Q min	L Test Freq.	S.R.F. MHz	Rdc Ohm Max.	Idc mA
LGA0305-R22K	0.22	20	35	25.2	150	0.40	400
LGA0305-R27K	0.27	20	35	25.2	150	0.43	380
LGA0305-R33K	0.33	20	35	25.2	150	0.48	370
LGA0305-R39K	0.39	20	35	25.2	150	0.51	350
LGA0305-R47K	0.47	20	35	25.2	150	0.56	330
LGA0305-R56K	0.56	20	40	25.2 a	150	0.61	320
LGA0305-R68K	0.68	20	40	25.2	150	0.67	310
LGA0305-R82K	0.82	20	40	25.2	150	0.74	290
LGA0305-1R0K	1.0	20	40	25.2	150	0.80	270
LGA0305-1R2K	1.2	20	50	7.96	144	0.90	260
LGA0305-1R5K	1.5	20	50	7.96	131	1.0	250
LGA0305-1R8K	1.8	20	50	7.96	121	1.1	240
LGA0305-2R2K	2.2	20	50	7.96	110	1.2	230
LGA0305-2R7K	2.7	20	50	7.96	100	1.3	220
LGA0305-3R3K	3.3	10	50	7.96	90	1.4	210
LGA0305-3R9K	3.9	10	50	7.96	60	1.6	200
LGA0305-4R7K	4.7	10	50	7.96	50	1.7	190
LGA0305-5R6K	5.6	10	50	7.96	42	1.9	180
LGA0305-6R8K	6.8	10	50	7.96	34	2.0	175
LGA0305-8R2K	8.2	10	50	7.96	25	2.2	165
LGA0305-100K	10	10	50	7.96	21	2.5	160
LGA0305-120K	12	10	50	25.2	19	2.5	150
LGA0305-150K	15	10	50	25.2	17	2.8	145
LGA0305-180K	18	10	50	25.2	13	3.1	140
LGA0305-220K	22	10	50	25.2	9.6	3.4	130
LGA0305-270K	27	10	50	25.2	7.2	3.8	125
LGA0305-330K	33	10	50	25.2	6.3	4.1	120
LGA0305-390K	39	10	50	25.2	6.3	4.5	115
LGA0305-470K	47	10	50	25.2	6.3	4.9	110
LGA0305-560K	56	10	50	25.2	6.2	5.3	105
LGA0305-680K	68	10	50	25.2	5.7	5.8	100
LGA0305-820K	82	10	50	25.2	5.3	6.3	95
LGA0305-101K	100	10	50	25.2	4.8	7.0	90
LGA0305-121K	120	10	50	0.796	3.8	13.0	90
LGA0305-151K	150	10	50	0.796	3.5	15.0	85
LGA0305-181K	180	10	50	0.796	3.3	16.0	80
LGA0305-221K	220	10	50	0.796	3.0	17.0	75
LGA0305-271K	270	10	50	0.796	2.8	19.0	65



1、Ordering Code

LGA 03 05 KB - 101 K T52
(1) (2) (3) (4) (5) (6) (7)

- (1) Type
- (2) Outside
- (3) Body Length
- (4) Formed Type
- (5) Nominal Inductance
- (6) Inductance Tolerance
- (7) Tape Type

• Testing: (Equivalent acceptable)

Inductance-HP 4285A
RDC: QuadTech 1880 Milliohmmeter
Q-HP 4342A
SRF-HP 4191A

- IDC Max: The maximum DC value having inductance decrease within 10% and temperature increase within 20°C by the application of DC Bias
- Operating temperature: -25°C to +105°C
- Storage temperature: -40°C to +85°C
- Solderability: Temperature @ 230°C ± 5°C for 2 seconds
- Marking: EIA 4 band color code.

Note: All specifications subject to change without notice.

Note: K = ±10%, M = ±20%