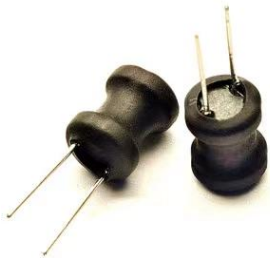


Radial Type Fixed Inductor

GCP0507 Series



FEATURES

- Vertical Structure
- High Power Inductance
- Outstanding Q Frequency Characteristics and High Self-resonant Frequency
- Entire Winding Core Encapsulated with Heat-Shrink Tubing for Protection
- RoHS Compliant

PART NUMBER CONSTRUCTION

GCP0507

—

220

K

B

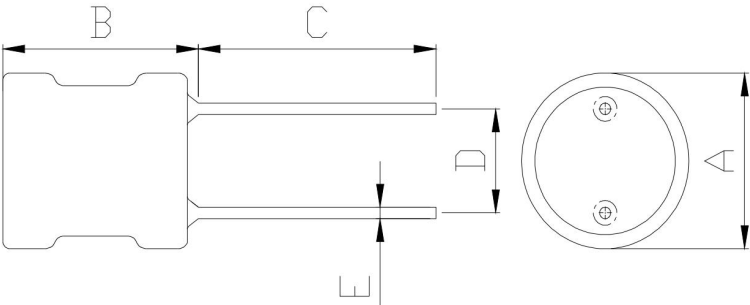
Series Inductance* Tolerance① Packing②

① Tolerance: J = 5% K = 10% L = 15% M = 20% N = 30%

② Packing: B = Bulk / Pack T = Tape / Reel

*Refer to Electrical Specification table

PRODUCT DIMENSIONS



Unit:mm

SERIES	A	B	C	D	E
GCP0507	6.5Max	9.5Max	15±2.0	2.5±0.5	0.6±0.05

PACKING

500PCS/PACK

Radial Type Fixed Inductor

GCP0304 Series

 ELECTRICAL SPECIFICATIONS

PART NUMBER	INDUCTANCE (μ H)	DCR (Max.) (Ω)	IDC (Max.) (A)	TEST FREQUENCY
GCP0507-4R7M	4.7	0.050	2.00	100KHz, 0.25V
GCP0507-6R8M	6.8	0.060	1.80	100KHz, 0.25V
GCP0507-100K	10	0.080	1.60	1KHz, 0.25V
GCP0507-120K	12	0.10	1.60	1KHz, 0.25V
GCP0507-150K	15	0.14	1.50	1KHz, 0.25V
GCP0507-180K	18	0.15	1.20	1KHz, 0.25V
GCP0507-220K	22	0.16	1.00	1KHz, 0.25V
GCP0507-270K	27	0.20	0.90	1KHz, 0.25V
GCP0507-330K	33	0.30	0.80	1KHz, 0.25V
GCP0507-390K	39	0.40	0.75	1KHz, 0.25V
GCP0507-470K	47	0.45	0.70	1KHz, 0.25V
GCP0507-560K	56	0.50	0.65	1KHz, 0.25V
GCP0507-680K	68	0.55	0.60	1KHz, 0.25V
GCP0507-820K	82	0.60	0.55	1KHz, 0.25V
GCP0507-101K	100	0.80	0.50	1KHz, 0.25V
GCP0507-121K	120	1.00	0.48	1KHz, 0.25V
GCP0507-151K	150	1.50	0.45	1KHz, 0.25V
GCP0507-181K	180	1.80	0.42	1KHz, 0.25V
GCP0507-221K	220	2.00	0.40	1KHz, 0.25V
GCP0507-271K	270	2.30	0.35	1KHz, 0.25V
GCP0507-331K	330	2.60	0.30	1KHz, 0.25V
GCP0507-391K	390	2.80	0.28	1KHz, 0.25V
GCP0507-471K	470	3.00	0.25	1KHz, 0.25V
GCP0507-561K	560	3.50	0.25	1KHz, 0.25V
GCP0507-681K	680	4.50	0.24	1KHz, 0.25V
GCP0507-821K	820	5.0	0.20	1KHz, 0.25V
GCP0507-102K	1000	6.0	0.18	1KHz, 0.25V
GCP0507-122K	1200	8	0.16	1KHz, 0.25V
GCP0507-152K	1500	9	0.15	1KHz, 0.25V
GCP0507-182K	1800	10	0.14	1KHz, 0.25V
GCP0507-222K	2200	12	0.10	1KHz, 0.25V
GCP0507-272K	2700	16	0.09	1KHz, 0.25V
GCP0507-332K	3300	20	0.08	1KHz, 0.25V
GCP0507-392K	3900	24	0.07	1KHz, 0.25V
GCP0507-472K	4700	26	0.060	1KHz, 0.25V
GCP0507-562K	5600	28	0.055	1KHz, 0.25V
GCP0507-682K	6800	30	0.050	1KHz, 0.25V
GCP0507-822K	8200	40	0.045	1KHz, 0.25V
GCP0507-103K	10000	60	0.040	1KHz, 0.25V