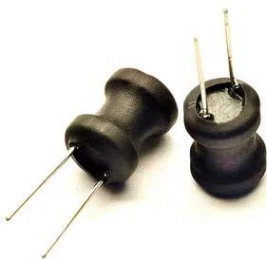


Radial Type Fixed Inductor

GCP0810 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

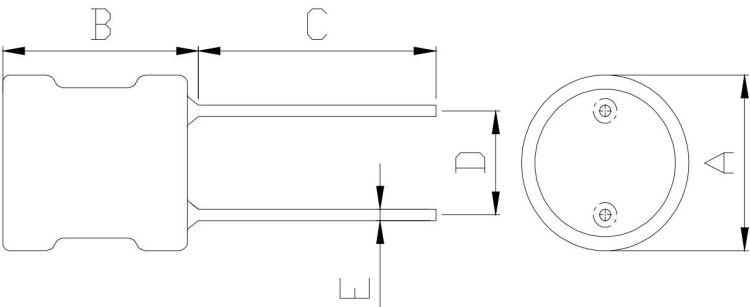


① Tolerance: J = 5% K = 10% L = 15% M = 20% N = 30%

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

*Refer to Electrical Specification table

PRODUCT DIMENSIONS



Unit:mm

SERIES	A	B	C	D	E
GCP0810	11.0Max	13.0Max	15±2.0	5.0±0.5	0.6±0.05

PACKING
500PCS/PACK

Radial Type Fixed Inductor

GCP0810 Series

ELECTRICAL SPECIFICATIONS

PART NUMBER	INDUCTANCE (μ H)	DCR (Max.) (Ω)	IDC (Max.) (A)	TEST FREQUENCY
GCP0810-3R3M	3.3	0.04	4.20	100KHz, 0.25V
GCP0810-3R9M	3.9	0.05	4.20	100KHz, 0.25V
GCP0810-4R7M	4.7	0.06	4.00	100KHz, 0.25V
GCP0810-5R6M	5.6	0.06	3.80	100KHz, 0.25V
GCP0810-6R8M	6.8	0.06	3.80	100KHz, 0.25V
GCP0810-8R2M	8.2	0.06	3.60	100KHz, 0.25V
GCP0810-100K	10	0.07	3.50	1KHz, 0.25V
GCP0810-120K	12	0.08	3.20	1KHz, 0.25V
GCP0810-150K	15	0.09	3.00	1KHz, 0.25V
GCP0810-180K	18	0.10	2.80	1KHz, 0.25V
GCP0810-220K	22	0.12	2.50	1KHz, 0.25V
GCP0810-270K	27	0.14	2.20	1KHz, 0.25V
GCP0810-330K	33	0.16	2.00	1KHz, 0.25V
GCP0810-390K	39	0.16	1.80	1KHz, 0.25V
GCP0810-470K	47	0.18	1.50	1KHz, 0.25V
GCP0810-560K	56	0.20	1.40	1KHz, 0.25V
GCP0810-680K	68	0.23	1.30	1KHz, 0.25V
GCP0810-820K	82	0.27	1.20	1KHz, 0.25V
GCP0810-101K	100	0.30	1.20	1KHz, 0.25V
GCP0810-121K	120	0.33	1.00	1KHz, 0.25V
GCP0810-151K	150	0.46	0.80	1KHz, 0.25V
GCP0810-181K	180	0.51	0.60	1KHz, 0.25V
GCP0810-221K	220	0.62	0.55	1KHz, 0.25V
GCP0810-271K	270	0.65	0.45	1KHz, 0.25V
GCP0810-331K	330	0.79	0.40	1KHz, 0.25V
GCP0810-391K	390	0.91	0.40	1KHz, 0.25V
GCP0810-471K	470	1.1	0.35	1KHz, 0.25V
GCP0810-561K	560	1.2	0.30	1KHz, 0.25V
GCP0810-681K	680	1.5	0.28	1KHz, 0.25V
GCP0810-821K	820	1.7	0.25	1KHz, 0.25V
GCP0810-102K	1000	2.0	0.22	1KHz, 0.25V
GCP0810-122K	1200	2.5	0.20	1KHz, 0.25V
GCP0810-152K	1500	2.9	0.18	1KHz, 0.25V
GCP0810-182K	1800	3.5	0.15	1KHz, 0.25V
GCP0810-222K	2200	4.2	0.14	1KHz, 0.25V
GCP0810-272K	2700	5.1	0.13	1KHz, 0.25V
GCP0810-332K	3300	6.1	0.12	1KHz, 0.25V
GCP0810-392K	3900	7.8	0.11	1KHz, 0.25V
GCP0810-472K	4700	8.0	0.100	1KHz, 0.25V
GCP0810-562K	5600	10.0	0.095	1KHz, 0.25V
GCP0810-682K	6800	14.0	0.090	1KHz, 0.25V
GCP0810-822K	8200	15.0	0.085	1KHz, 0.25V
GCP0810-103K	10000	20.0	0.080	1KHz, 0.25V
GCP0810-123K	12000	22.0	0.070	1KHz, 0.25V
GCP0810-153K	15000	24.0	0.060	1KHz, 0.25V