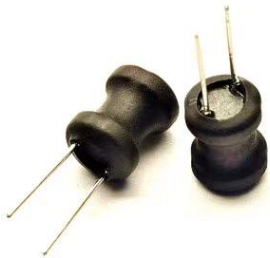


Radial Type Fixed Inductor

GCP1012 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**

GCP1012

–

220

K

B

Series

Inductance*

Tolerance①

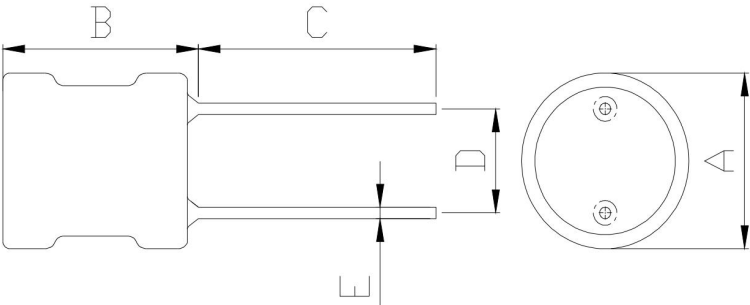
Packing②

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
GCP1012	13.0Max	16.0Max	15±2.0	6.0±0.5	0.8±0.1

 **PACKING**

250PCS/PACK

Radial Type Fixed Inductor

GCP1012 Series

 ELECTRICAL SPECIFICATIONS

PART NUMBER	INDUCTANCE (μH)	DCR (Max.) (Ω)	IDC (Max.) (A)	TEST FREQUENCY
GCP1012 -3R3M	3.3	0.025	5.5	100KHz, 0.25V
GCP1012 -3R9M	3.9	0.030	5.0	100KHz, 0.25V
GCP1012 -4R7M	4.7	0.030	5.0	100KHz, 0.25V
GCP1012 -5R6M	5.6	0.040	4.8	100KHz, 0.25V
GCP1012 -6R8M	6.8	0.040	4.8	100KHz, 0.25V
GCP1012 -8R2M	8.2	0.045	4.5	100KHz, 0.25V
GCP1012 -100K	10	0.050	4.2	1KHz, 0.25V
GCP1012 -120K	12	0.050	4.0	1KHz, 0.25V
GCP1012 -150K	15	0.060	3.8	1KHz, 0.25V
GCP1012 -180K	18	0.070	3.8	1KHz, 0.25V
GCP1012 -220K	22	0.080	3.5	1KHz, 0.25V
GCP1012 -270K	27	0.090	3.2	1KHz, 0.25V
GCP1012 -330K	33	0.100	3.0	1KHz, 0.25V
GCP1012 -390K	39	0.120	2.5	1KHz, 0.25V
GCP1012 -470K	47	0.120	2.0	1KHz, 0.25V
GCP1012 -560K	56	0.140	1.8	1KHz, 0.25V
GCP1012 -680K	68	0.150	1.7	1KHz, 0.25V
GCP1012 -820K	82	0.160	1.6	1KHz, 0.25V
GCP1012 -101K	100	0.180	1.5	1KHz, 0.25V
GCP1012 -121K	120	0.200	1.4	1KHz, 0.25V
GCP1012 -151K	150	0.250	1.2	1KHz, 0.25V
GCP1012 -181K	180	0.280	1.0	1KHz, 0.25V
GCP1012 -221K	220	0.300	0.90	1KHz, 0.25V
GCP1012 -271K	270	0.420	0.80	1KHz, 0.25V
GCP1012 -331K	330	0.550	0.70	1KHz, 0.25V
GCP1012 -391K	390	0.600	0.60	1KHz, 0.25V
GCP1012 -471K	470	0.650	0.55	1KHz, 0.25V
GCP1012 -561K	560	0.750	0.50	1KHz, 0.25V
GCP1012 -681K	680	0.850	0.50	1KHz, 0.25V
GCP1012 -821K	820	1.100	0.40	1KHz, 0.25V
GCP1012 -102K	1000	1.400	0.30	1KHz, 0.25V