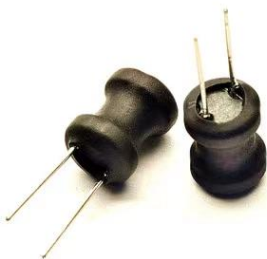


Radial Type Fixed Inductor

GCP1016 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

GCP1016

—

220

K

B

Series

Inductance*

Tolerance①

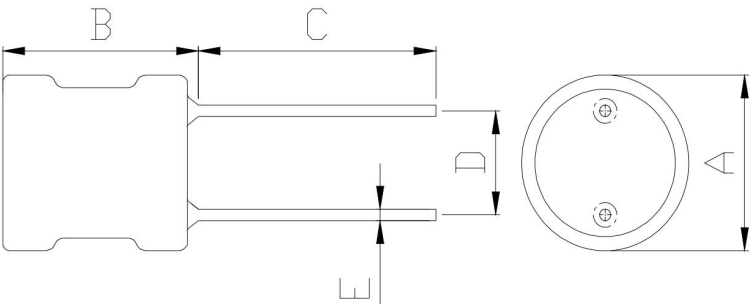
Packing②

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
GCP1016	13.0Max	20.0Max	15±2.0	6.0±0.5	0.8±0.1

PACKING

150PCS/PACK

Radial Type Fixed Inductor

GCP1016 Series

 ELECTRICAL SPECIFICATIONS

PART NUMBER	INDUCTANCE (μH)	DCR (Max.) (Ω)	IDC (Max.) (A)	TEST FREQUENCY
GCP1016-4R7M	4.7	0.020	5.8	100KHz, 0.25V
GCP1016-5R6M	5.6	0.025	5.5	100KHz, 0.25V
GCP1016-6R8M	6.8	0.025	5.4	100KHz, 0.25V
GCP1016-8R2M	8.2	0.028	5.2	100KHz, 0.25V
GCP1016-100K	10	0.035	5.0	1KHz, 0.25V
GCP1016-120K	12	0.035	4.5	1KHz, 0.25V
GCP1016-150K	15	0.040	4.0	1KHz, 0.25V
GCP1016-180K	18	0.060	4.0	1KHz, 0.25V
GCP1016-220K	22	0.080	3.8	1KHz, 0.25V
GCP1016-270K	27	0.100	3.5	1KHz, 0.25V
GCP1016-330K	33	0.100	3.5	1KHz, 0.25V
GCP1016-390K	39	0.120	3.2	1KHz, 0.25V
GCP1016-470K	47	0.120	3.0	1KHz, 0.25V
GCP1016-560K	56	0.130	2.8	1KHz, 0.25V
GCP1016-680K	68	0.140	2.5	1KHz, 0.25V
GCP1016-820K	82	0.150	2.2	1KHz, 0.25V
GCP1016-101K	100	0.180	2.0	1KHz, 0.25V
GCP1016-121K	120	0.200	1.8	1KHz, 0.25V
GCP1016-151K	150	0.220	1.6	1KHz, 0.25V
GCP1016-181K	180	0.250	1.5	1KHz, 0.25V
GCP1016-221K	220	0.300	1.5	1KHz, 0.25V
GCP1016-271K	270	0.350	1.4	1KHz, 0.25V
GCP1016-331K	330	0.600	1.3	1KHz, 0.25V
GCP1016-391K	390	0.700	1.2	1KHz, 0.25V
GCP1016-471K	470	0.800	1.0	1KHz, 0.25V
GCP1016-561K	560	0.900	1.0	1KHz, 0.25V
GCP1016-681K	680	1.000	0.9	1KHz, 0.25V
GCP1016-821K	820	1.200	0.8	1KHz, 0.25V
GCP1016-102K	1000	1.500	0.7	1KHz, 0.25V