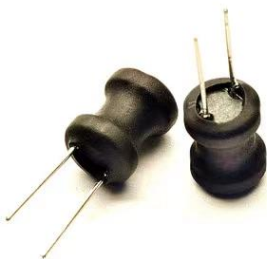


Radial Type Fixed Inductor

GCP0912 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

GCP0912

–

220

K

B

Series

Inductance\*

Tolerance①

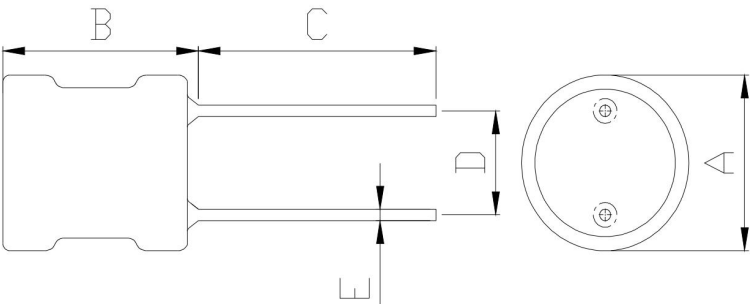
Packing②

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       |
|---------|---------|---------|--------|---------|---------|
| GCP0912 | 12.0Max | 15.0Max | 15±2.0 | 5.0±0.5 | 0.8±0.1 |

PACKING

250PCS/PACK

## Radial Type Fixed Inductor

## GCP0912 Series

## ELECTRICAL SPECIFICATIONS

| PART NUMBER   | INDUCTANCE (μH) | DCR (Max.) (Ω) | IDC (Max.) (A) | TEST FREQUENCY |
|---------------|-----------------|----------------|----------------|----------------|
| GCP0912 -100K | 10              | 0.04           | 4.00           | 1KHz, 0.25V    |
| GCP0912 -120K | 12              | 0.045          | 3.80           | 1KHz, 0.25V    |
| GCP0912 -150K | 15              | 0.05           | 3.50           | 1KHz, 0.25V    |
| GCP0912 -180K | 18              | 0.06           | 3.20           | 1KHz, 0.25V    |
| GCP0912 -220K | 22              | 0.07           | 3.00           | 1KHz, 0.25V    |
| GCP0912 -270K | 27              | 0.10           | 2.80           | 1KHz, 0.25V    |
| GCP0912 -330K | 33              | 0.12           | 2.50           | 1KHz, 0.25V    |
| GCP0912 -390K | 39              | 0.12           | 2.00           | 1KHz, 0.25V    |
| GCP0912 -470K | 47              | 0.13           | 1.90           | 1KHz, 0.25V    |
| GCP0912 -560K | 56              | 0.14           | 1.80           | 1KHz, 0.25V    |
| GCP0912 -680K | 68              | 0.15           | 1.70           | 1KHz, 0.25V    |
| GCP0912 -820K | 82              | 0.16           | 1.60           | 1KHz, 0.25V    |
| GCP0912 -101K | 100             | 0.25           | 1.50           | 1KHz, 0.25V    |
| GCP0912 -121K | 120             | 0.28           | 1.20           | 1KHz, 0.25V    |
| GCP0912 -151K | 150             | 0.30           | 1.00           | 1KHz, 0.25V    |
| GCP0912 -181K | 180             | 0.45           | 0.70           | 1KHz, 0.25V    |
| GCP0912 -221K | 220             | 0.50           | 0.60           | 1KHz, 0.25V    |
| GCP0912 -271K | 270             | 0.65           | 0.50           | 1KHz, 0.25V    |
| GCP0912 -331K | 330             | 0.85           | 0.45           | 1KHz, 0.25V    |
| GCP0912 -391K | 390             | 0.95           | 0.40           | 1KHz, 0.25V    |
| GCP0912 -471K | 470             | 1.1            | 0.35           | 1KHz, 0.25V    |
| GCP0912 -561K | 560             | 1.2            | 0.30           | 1KHz, 0.25V    |
| GCP0912 -681K | 680             | 1.3            | 0.25           | 1KHz, 0.25V    |
| GCP0912 -821K | 820             | 1.5            | 0.20           | 1KHz, 0.25V    |
| GCP0912 -102K | 1000            | 2.0            | 0.20           | 1KHz, 0.25V    |
| GCP0912 -122K | 1200            | 2.3            | 0.18           | 1KHz, 0.25V    |
| GCP0912 -152K | 1500            | 2.9            | 0.17           | 1KHz, 0.25V    |
| GCP0912 -182K | 1800            | 3.3            | 0.16           | 1KHz, 0.25V    |
| GCP0912 -222K | 2200            | 4.5            | 0.15           | 1KHz, 0.25V    |
| GCP0912 -272K | 2700            | 5.5            | 0.14           | 1KHz, 0.25V    |
| GCP0912 -332K | 3300            | 5.7            | 0.13           | 1KHz, 0.25V    |
| GCP0912 -392K | 3900            | 6.5            | 0.12           | 1KHz, 0.25V    |
| GCP0912 -472K | 4700            | 7.2            | 0.12           | 1KHz, 0.25V    |
| GCP0912 -562K | 5600            | 9.5            | 0.11           | 1KHz, 0.25V    |
| GCP0912 -682K | 6800            | 12             | 0.10           | 1KHz, 0.25V    |
| GCP0912 -822K | 8200            | 14             | 0.10           | 1KHz, 0.25V    |
| GCP0912 -103K | 10000           | 16             | 0.09           | 1KHz, 0.25V    |
| GCP0912 -123K | 12000           | 18             | 0.09           | 1KHz, 0.25V    |
| GCP0912 -153K | 15000           | 21             | 0.08           | 1KHz, 0.25V    |
| GCP0912 -183K | 18000           | 25             | 0.08           | 1KHz, 0.25V    |
| GCP0912 -223K | 22000           | 33             | 0.07           | 1KHz, 0.25V    |
| GCP0912 -273K | 27000           | 40             | 0.05           | 1KHz, 0.25V    |
| GCP0912 -333K | 33000           | 45             | 0.04           | 1KHz, 0.25V    |