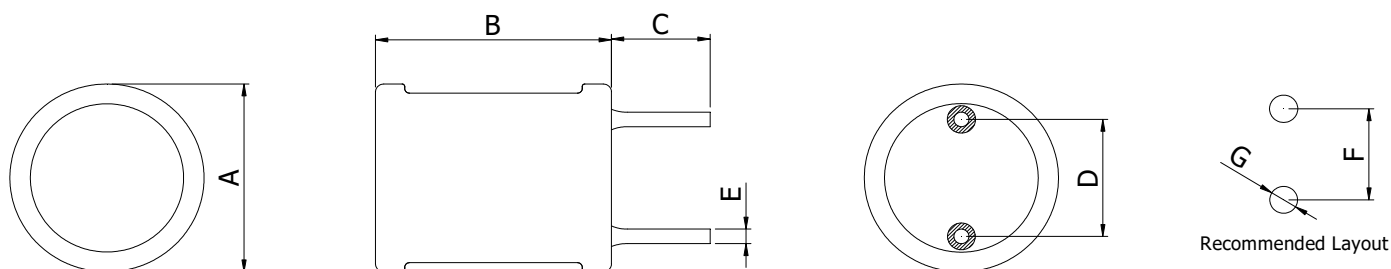


Features

- High reliability, high consistency inductance
- Storage temperature range:-40°C to + 125°C
- Operating temperature range:-40°C to + 125°C
(including coil's self-temperature rise)
- Moisture sensitivity level:1
- Packaging:50pcs. per bag
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G
Ø14.0Max.	15.0±1.0	5.0±1.0	7.5±0.5	Ø0.8±0.1	7.5±0.5	Ø1.1Ref.

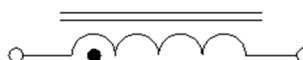
Part Number Description

DP04 - 1416 100 M

① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(μH)	DCR (Ω)Max.	Rated Current (A)Max.
DP04-1416100M	10±20%	0.023	5.1
DP04-1416150K	15±10%	0.028	4.5
DP04-1416220K	22±10%	0.035	4.2
DP04-1416330K	33±10%	0.043	3.7
DP04-1416470K	47±10%	0.052	3.4
DP04-1416680K	68±10%	0.068	3.0
DP04-1416101K	100±10%	0.097	2.5
DP04-1416151K	150±10%	0.14	2.1
DP04-1416221K	220±10%	0.20	1.7
DP04-1416331K	330±10%	0.30	1.4
DP04-1416471K	470±10%	0.43	1.1
DP04-1416681K	680±10%	0.61	1.0
DP04-1416102K	1000±10%	1.0	0.78
DP04-1416152K	1500±10%	1.3	0.68
DP04-1416222K	2200±10%	2.0	0.55
DP04-1416332K	3300±10%	3.1	0.44
DP04-1416472K	4700±10%	4.4	0.37
DP04-1416682K	6800±10%	6.5	0.30
DP04-1416103K	10000±10%	10	0.24

- Test frequency and voltage:1KHz,0.25Vrms.
- All test data referenced to 25°C ambient.
- Rated current: The DC current at which the inductance decreases to 90% of its initial value or when $\Delta t=20^{\circ}\text{C}$, whichever is lower.