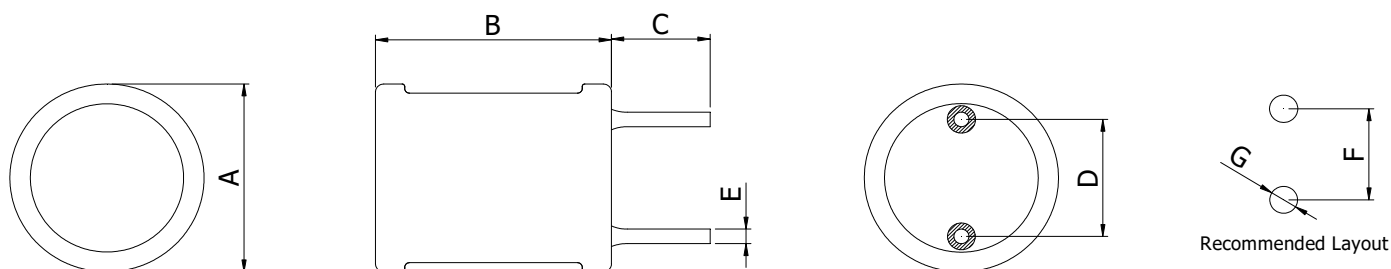


Features

- 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
Ø12.0Max.	19.5±1.0	5.0±1.0	6.0±0.5	Ø0.8±0.1	6.0±0.5	Ø1.1Ref.

Part Number Description

DP04 - 1221 4R7 M
① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(uH)	DCR (Ω)Max.	Rated Current (A)Max.
DP04-12214R7M	4.7±20%	0.008	6.0
DP04-12216R8M	6.8±20%	0.011	5.5
DP04-1221100K	10±10%	0.017	4.5
DP04-1221150K	15±10%	0.022	4.0
DP04-1221220K	22±10%	0.026	3.7
DP04-1221330K	33±10%	0.032	3.3
DP04-1221470K	47±10%	0.035	3.0
DP04-1221680K	68±10%	0.047	2.6
DP04-1221101K	100±10%	0.090	2.0
DP04-1221151K	150±10%	0.129	1.6
DP04-1221221K	220±10%	0.162	1.5
DP04-1221331K	330±10%	0.212	1.2
DP04-1221471K	470±10%	0.380	1.0
DP04-1221681K	680±10%	0.548	0.84
DP04-1221102K	1000±10%	0.844	0.66
DP04-1221152K	1500±10%	1.18	0.55
DP04-1221222K	2200±10%	2.00	0.44
DP04-1221332K	3300±10%	2.53	0.38
DP04-1221472K	4700±10%	3.19	0.32
DP04-1221682K	6800±10%	5.69	0.25
DP04-1221103K	10000±10%	7.30	0.22
DP04-1221153K	15000±10%	10.5	0.18
DP04-1221223K	22000±10%	21.8	0.13
DP04-1221333K	33000±10%	25.7	0.12
DP04-1221473K	47000±10%	36.1	0.10
DP04-1221683K	68000±10%	57.3	0.08
DP04-1221104K	100000±10%	89.7	0.06

- 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.