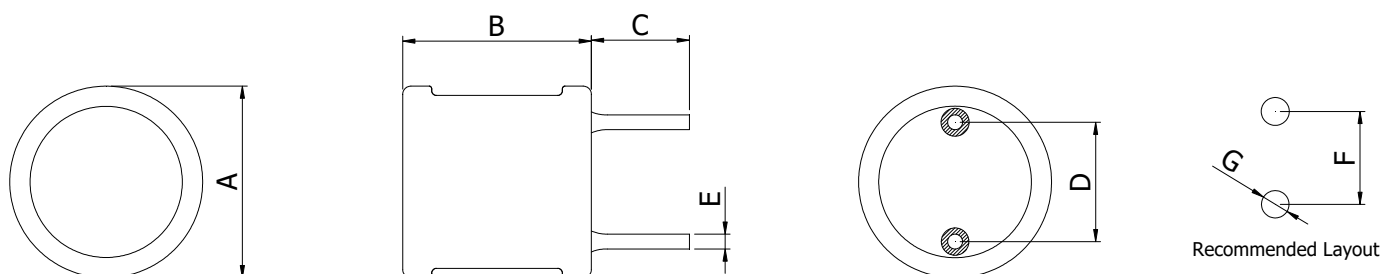


Features

- 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:100pcs. per bag
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G
Ø10.0Max.	8.5±1.0	5.0±1.0	5.0±0.5	Ø0.6±0.1	5.0±0.5	Ø0.9Ref.

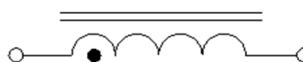
Part Number Description

DP04 - 1009 2R2 M

① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(uH)	Q Typ.	Q Freq.(MHz)	SRF (MHz)Typ.	DCR (Ω)Max.	Rated Current (A)Max.
DP04-10092R2M	2.2±20%	10	7.96	60	0.011	4.0
DP04-10093R3M	3.3±20%	10	7.96	38	0.013	3.4
DP04-10094R7M	4.7±20%	10	7.96	30	0.017	3.0
DP04-10096R8M	6.8±20%	10	7.96	24	0.023	2.6
DP04-1009100K	10±10%	20	2.52	19	0.031	2.2
DP04-1009150K	15±10%	20	2.52	15	0.042	1.9
DP04-1009220K	22±10%	20	2.52	12	0.070	1.5
DP04-1009330K	33±10%	20	2.52	10	0.092	1.2
DP04-1009470K	47±10%	20	2.52	8.2	0.13	1.0
DP04-1009680K	68±10%	20	2.52	6.6	0.16	0.97
DP04-1009101K	100±10%	15	0.796	5.4	0.23	0.81
DP04-1009151K	150±10%	15	0.796	4.3	0.40	0.61
DP04-1009221K	220±10%	15	0.796	3.5	0.53	0.53
DP04-1009331K	330±10%	15	0.796	2.8	0.78	0.44
DP04-1009471K	470±10%	10	0.796	2.3	1.00	0.39
DP04-1009681K	680±10%	10	0.796	1.9	1.50	0.32
DP04-1009102K	1000±10%	20	0.252	1.5	2.20	0.26
DP04-1009152K	1500±10%	30	0.252	1.2	3.50	0.21

- 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 it's initial value or when $\Delta t=20^{\circ}\text{C}$, whichever is lower.