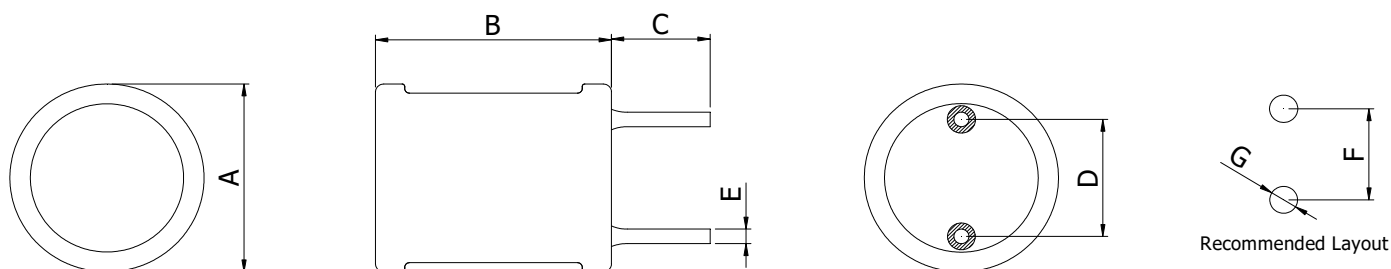


Features

- 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)



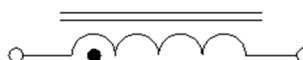
A	B	C	D	E	F	G
Ø12.0Max.	12.0±1.0	5.0±1.0	5.0±0.5	Ø0.8±0.1	5.0±0.5	Ø1.1Ref.

Part Number Description

DP04 - 1213 3R3 M
① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(μH)	Q Typ.	Q Freq.(MHz)	SRF (MHz)Typ.	DCR (Ω)Max.	Rated Current (A)Max.
DP04-12133R3M	3.3±20%	10	7.96	36	0.010	5.90
DP04-12134R7M	4.7±20%	10	7.96	28	0.015	4.80
DP04-12136R8M	6.8±20%	10	7.96	18	0.016	4.60
DP04-1213100K	10±10%	20	2.52	16	0.025	3.70
DP04-1213150K	15±10%	20	2.52	12	0.029	3.40
DP04-1213220K	22±10%	20	2.52	9.5	0.040	2.90
DP04-1213330K	33±10%	30	2.52	7.0	0.062	2.30
DP04-1213470K	47±10%	30	2.52	5.8	0.075	2.10
DP04-1213680K	68±10%	20	2.52	4.7	0.13	1.60
DP04-1213101K	100±10%	20	0.796	3.8	0.16	1.40
DP04-1213151K	150±10%	20	0.796	3.1	0.26	1.10
DP04-1213221K	220±10%	20	0.796	2.5	0.33	1.00
DP04-1213331K	330±10%	20	0.796	2.0	0.52	0.82
DP04-1213471K	470±10%	10	0.796	1.6	0.66	0.72
DP04-1213681K	680±10%	10	0.796	1.3	1.1	0.56
DP04-1213102K	1000±10%	20	0.252	1.1	1.4	0.50
DP04-1213152K	1500±10%	30	0.252	0.82	2.4	0.38
DP04-1213222K	2200±10%	20	0.252	0.76	3.2	0.33
DP04-1213332K	3300±10%	30	0.252	0.64	4.9	0.26
DP04-1213472K	4700±10%	30	0.252	0.54	7.6	0.21
DP04-1213682K	6800±10%	30	0.252	0.45	9.8	0.18
DP04-1213103K	10000±10%	30	0.0796	0.38	18	0.14
DP04-1213153K	15000±10%	50	0.0796	0.29	24	0.12

- 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.