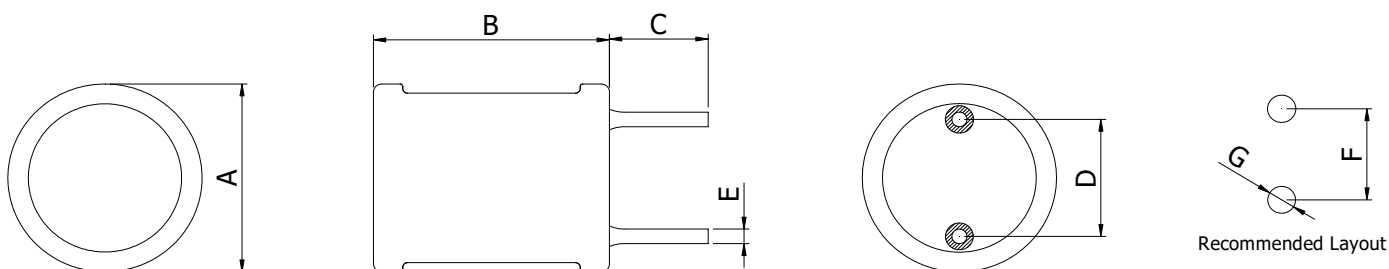


Features

- 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:200pcs. per bag
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G
Ø7.5Max.	10.0±1.0	5.0±1.0	3.0±0.5	Ø0.6±0.1	3.0±0.5	Ø0.9Ref.

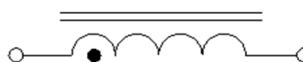
Part Number Description

DP04 - 0710 3R3 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)	DCR (Ω)Max.	Rated Current (A)Max.
DP04-07103R3M	3.3±20%	20	7.96	0.016	3.50
DP04-07104R7M	4.7±20%	20	7.96	0.020	3.00
DP04-07106R8M	6.8±20%	20	7.96	0.022	2.50
DP04-0710100K	10±10%	30	2.52	0.039	2.00
DP04-0710150K	15±10%	30	2.52	0.045	1.70
DP04-0710220K	22±10%	30	2.52	0.062	1.40
DP04-0710330K	33±10%	30	2.52	0.10	1.10
DP04-0710470K	47±10%	30	2.52	0.15	0.95
DP04-0710680K	68±10%	30	2.52	0.22	0.80
DP04-0710101K	100±10%	20	0.796	0.35	0.65
DP04-0710151K	150±10%	20	0.796	0.43	0.54
DP04-0710221K	220±10%	20	0.796	0.90	0.44
DP04-0710331K	330±10%	20	0.796	1.50	0.36
DP04-0710471K	470±10%	20	0.796	1.80	0.30
DP04-0710681K	680±10%	20	0.796	2.50	0.25
DP04-0710102K	1000±10%	100	0.252	3.20	0.20
DP04-0710122K	1200±10%	70	0.252	3.50	0.18
DP04-0710152K	1500±10%	70	0.252	4.50	0.17
DP04-0710182K	1800±10%	70	0.252	5.00	0.16
DP04-0710222K	2200±10%	70	0.252	6.80	0.14
DP04-0710272K	2700±10%	70	0.252	7.20	0.13
DP04-0710332K	3300±10%	70	0.252	10.5	0.12
DP04-0710392K	3900±10%	70	0.252	11.7	0.11
DP04-0710472K	4700±10%	70	0.252	13.6	0.098
DP04-0710562K	5600±10%	70	0.252	16.6	0.087
DP04-0710682K	6800±10%	70	0.252	19.6	0.080
DP04-0710822K	8200±10%	70	0.252	25.2	0.070
DP04-0710103K	10000±10%	70	0.0796	29.5	0.065
DP04-0710123K	12000±10%	50	0.0796	33.8	0.060
DP04-0710153K	15000±10%	50	0.0796	45.4	0.055
DP04-0710183K	18000±10%	50	0.0796	50.4	0.050
DP04-0710223K	22000±10%	50	0.0796	80.0	0.045
DP04-0710303K	30000±10%	50	0.0796	91.5	0.040
DP04-0710333K	33000±10%	50	0.0796	98.5	0.035
DP04-0710393K	39000±10%	50	0.0796	140	0.032
DP04-0710473K	47000±10%	50	0.0796	160	0.030
DP04-0710503K	50000±10%	50	0.0796	170	0.029
DP04-0710563K	56000±10%	50	0.0796	250	0.028
DP04-0710683K	68000±10%	50	0.0796	282	0.025
DP04-0710823K	82000±10%	50	0.0796	312	0.023
DP04-0710104K	100000±10%	30	0.0252	380	0.020

- 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.