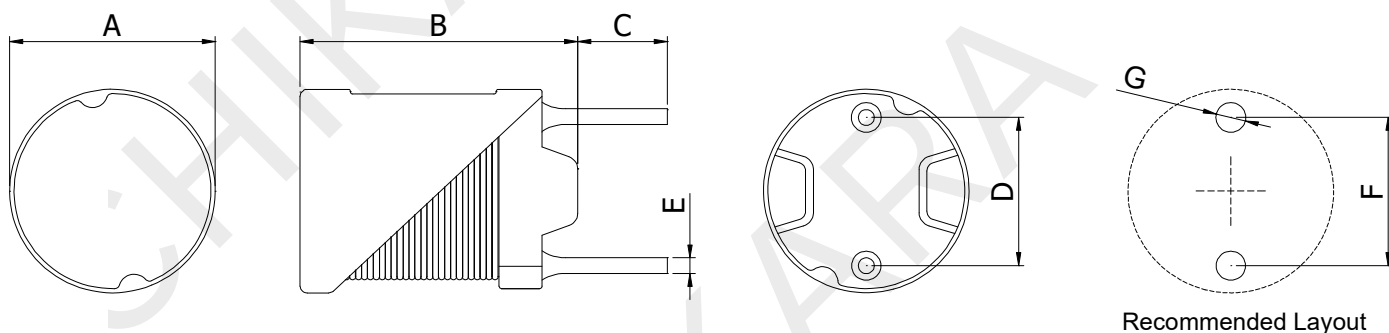


Features

- Unshielded, leaded drum core
- Storage temperature range:-55°C to + 130°C
- Operating temperature range:-55°C to + 130°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
Ø11.5Max.	11.0Max.	3.5±0.5	5.0±0.5	Ø0.7±0.1	5.0	Ø1.2

Part Number Description

DP02 - 1211 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)	DCR (Ω)Typ.	DCR (Ω)Max.	Isat ¹ (A)Typ.	Isat ² (A)Typ.	Isat ³ (A)Typ.	Irms (A)Typ.
DP02-12113R3M	3.3±20%	0.007	0.009	10.2	12.8	14.0	9.7
DP02-12114R7M	4.7±20%	0.010	0.012	8.0	10.0	11.0	8.5
DP02-12115R6M	5.6±20%	0.012	0.014	7.5	9.3	10.2	7.8
DP02-12116R8M	6.8±20%	0.014	0.017	7.0	8.8	9.5	7.2
DP02-12118R2M	8.2±20%	0.016	0.019	6.5	8.0	8.8	6.5
DP02-1211100M	10±20%	0.018	0.022	5.9	6.9	7.8	6.0
DP02-1211120M	12±20%	0.021	0.025	5.8	6.5	7.2	5.5
DP02-1211150M	15±20%	0.025	0.030	5.5	6.1	6.8	5.2
DP02-1211180M	18±20%	0.031	0.037	4.9	5.4	5.7	4.8
DP02-1211220M	22±20%	0.040	0.048	4.4	4.9	5.3	4.3
DP02-1211270M	27±20%	0.044	0.055	3.9	4.4	4.9	4.0
DP02-1211330M	33±20%	0.049	0.060	3.5	4.0	4.5	3.5
DP02-1211390M	39±20%	0.055	0.066	3.2	3.6	3.9	3.3
DP02-1211470M	47±20%	0.075	0.090	3.0	3.4	3.7	3.0
DP02-1211560M	56±20%	0.083	0.100	2.7	3.0	3.3	2.8
DP02-1211680M	68±20%	0.095	0.114	2.4	2.6	2.9	2.6
DP02-1211820M	82±20%	0.124	0.150	2.2	2.4	2.7	2.3
DP02-1211101K	100±10%	0.138	0.166	2.0	2.3	2.5	2.0
DP02-1211121K	120±10%	0.168	0.200	1.9	2.1	2.3	1.8
DP02-1211151K	150±10%	0.213	0.256	1.7	1.9	2.2	1.7
DP02-1211181K	180±10%	0.260	0.312	1.5	1.7	1.9	1.5
DP02-1211221K	220±10%	0.302	0.362	1.2	1.5	1.7	1.4
DP02-1211331K	330±10%	0.445	0.534	1.0	1.2	1.4	1.25
DP02-1211471K	470±10%	0.617	0.740	0.92	1.05	1.15	1.05
DP02-1211561K	560±10%	0.704	0.845	0.88	0.98	1.05	0.97
DP02-1211681K	680±10%	0.931	1.117	0.80	0.92	1.00	0.86
DP02-1211821K	820±10%	1.074	1.289	0.74	0.83	0.90	0.80
DP02-1211102K	1000±10%	1.271	1.525	0.68	0.78	0.84	0.72

- Test frequency and voltage:1KHz,0.25Vrms.
- All test data referenced to 25°C ambient.
- Saturation current(Isat¹) will cause L0 to drop approximately 10%.
- Saturation current(Isat²) will cause L0 to drop approximately 20%.
- Saturation current(Isat³) will cause L0 to drop approximately 30%.
- Heat rated current(Irms) will cause the coil temperature rise approximately Δt of 40°C.