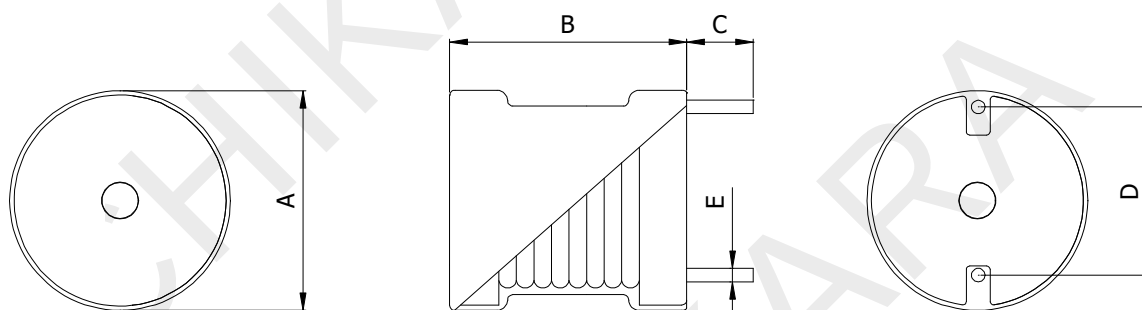


Features

- 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:70pcs. per tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E
Ø21.0Max.	21.5Max.	5.0±1.0	See table	See table

Part Number Description

DP01 - 2122 100 M

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(uH)	DCR (mΩ)Typ.	DCR (mΩ)Max.	Isat (A)Typ.	Irms (A)Typ.	D (mm)Nom.	E (mm)Nom.
DP01-2122100M	10±20%	6.1	7.0	33.0	11.4	15.75	1.50
DP01-2122150M	15±20%	7.8	9.0	29.0	9.0	15.88	1.40
DP01-2122220M	22±20%	12.4	14.5	24.0	7.2	16.00	1.20
DP01-2122330M	33±20%	18.8	22.0	19.0	5.5	13.87	1.10
DP01-2122390M	39±20%	20.7	24.0	18.0	5.5	15.10	1.10
DP01-2122470M	47±20%	27.3	31.5	16.5	5.5	15.88	1.00
DP01-2122560M	56±20%	29.3	34.0	14.5	5.5	15.88	1.00
DP01-2122680M	68±20%	32.8	38.0	14.0	4.8	16.66	1.00
DP01-2122820M	82±20%	38.0	44.0	13.0	4.8	16.66	1.00
DP01-2122101K	100±10%	60.5	70.0	11.5	4.0	15.06	0.80
DP01-2122151K	150±10%	74.6	86.0	9.0	4.0	15.06	0.80
DP01-2122221K	220±10%	93.4	107.5	8.0	2.8	15.06	0.80
DP01-2122331K	330±10%	185.7	214.0	6.0	1.6	15.00	0.60
DP01-2122471K	470±10%	231.8	267.0	5.2	1.6	15.00	0.60
DP01-2122561K	560±10%	255.5	294.0	4.7	1.6	15.00	0.60
DP01-2122681K	680±10%	286.9	330.0	4.2	1.6	15.00	0.60
DP01-2122821K	820±10%	425.8	490.0	4.0	1.3	15.00	0.50
DP01-2122102K	1000±10%	486.4	560.0	3.6	1.0	15.00	0.50
DP01-2122122K	1200±10%	545.8	628.0	3.2	0.8	15.00	0.50
DP01-2122152K	1500±10%	626.1	720.0	2.9	0.8	15.00	0.50
DP01-2122182K	1800±10%	703.8	809.5	2.3	0.8	15.00	0.50
DP01-2122222K	2200±10%	927.0	1067	2.2	0.8	15.00	0.45

- Test frequency and voltage:10KHz,1Vrms.
- All test data referenced to 25°C ambient.
- Saturation current(Isat) will cause L0 to drop approximately 5%.
- Heat rated current(Irms) will cause the coil temperature rise approximately Δt of 20°C.