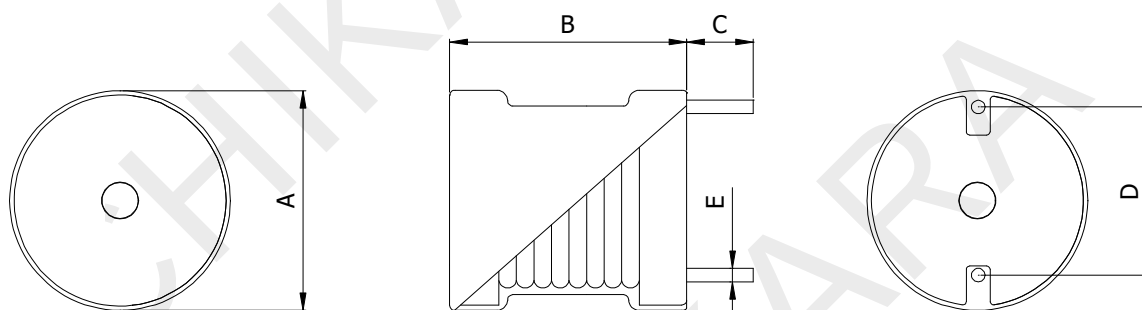


Features

- 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 tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E
Ø16.8Max.	21.3Max.	5.0±1.0	See table	See table

Part Number Description

DP01 - 1721 100 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 (mΩ)Typ.	DCR (mΩ)Max.	Isat (A)Typ.	Irms (A)Typ.	D (mm)Nom.	E (mm)Nom.
DP01-1721100M	10±20%	6.8	8.2	28.0	9.0	13.97	1.40
DP01-1721150M	15±20%	10.2	12.2	24.0	7.2	12.70	1.20
DP01-1721220M	22±20%	17.4	21.0	20.0	5.5	12.70	1.00
DP01-1721330M	33±20%	26.1	31.3	16.0	4.0	10.43	0.85
DP01-1721470M	47±20%	45.8	55.0	13.5	2.8	11.91	0.70
DP01-1721680M	68±20%	63.0	75.6	11.0	2.8	12.70	0.65
DP01-1721101K	100±10%	77.4	93.0	9.0	2.8	12.70	0.65
DP01-1721151K	150±10%	112.4	135	7.5	1.6	12.20	0.60
DP01-1721221K	220±10%	151.7	182	4.8	1.6	12.20	0.60
DP01-1721331K	330±10%	246.2	296	4.5	1.3	12.20	0.50
DP01-1721471K	470±10%	361.9	435	4.2	0.8	11.43	0.45
DP01-1721561K	560±10%	392.1	471	3.7	0.8	11.43	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.