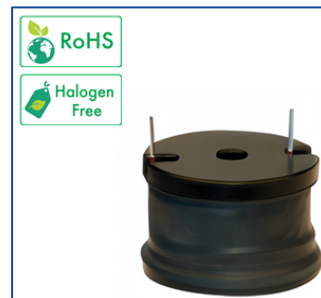
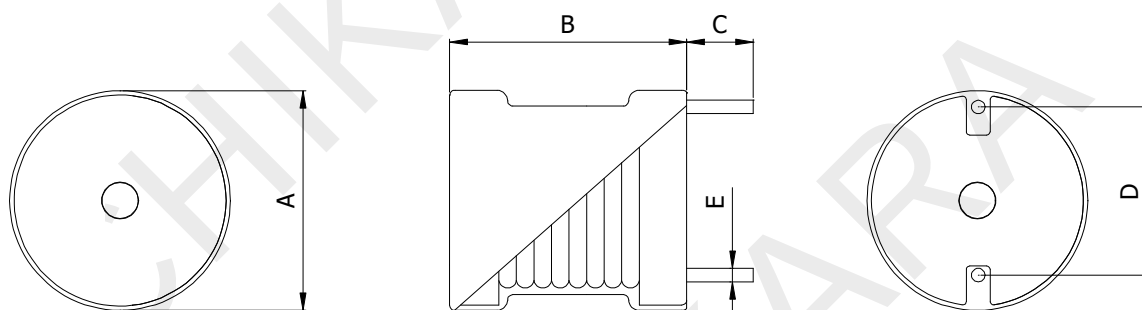


Features

- 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:40pcs. per tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



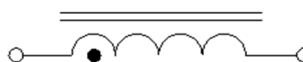
A	B	C	D	E
Ø26.0Max.	27.0Max.	5.0±1.0	See table	See table

Part Number Description

DP01 - 2627 470 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.
DP01-2627470M	47±20%	15.20	18.0	25.0	9.0	19.0	1.40
DP01-2627680M	68±20%	22.08	26.0	21.0	9.0	19.0	1.30
DP01-2627101K	100±10%	28.38	33.0	17.0	9.0	19.8	1.30
DP01-2627151K	150±10%	45.16	52.0	13.5	5.5	19.8	1.10
DP01-2627221K	220±10%	66.85	77.0	12.0	5.5	19.8	1.00
DP01-2627331K	330±10%	95.80	110.5	9.5	4.5	20.6	0.90
DP01-2627471K	470±10%	134.5	155.0	8.0	4.0	19.0	0.85
DP01-2627681K	680±10%	182.8	210.5	6.5	2.8	18.2	0.80
DP01-2627102K	1000±10%	295.5	340.0	5.6	2.0	19.0	0.70
DP01-2627152K	1500±10%	402.6	463.0	4.5	2.0	19.0	0.65
DP01-2627222K	2200±10%	658.3	757.0	3.6	1.3	19.5	0.55
DP01-2627332K	3300±10%	853.8	982.0	3.1	1.3	19.0	0.55
DP01-2627472K	4700±10%	1242.5	1429.0	2.5	1.0	19.0	0.50

- 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.