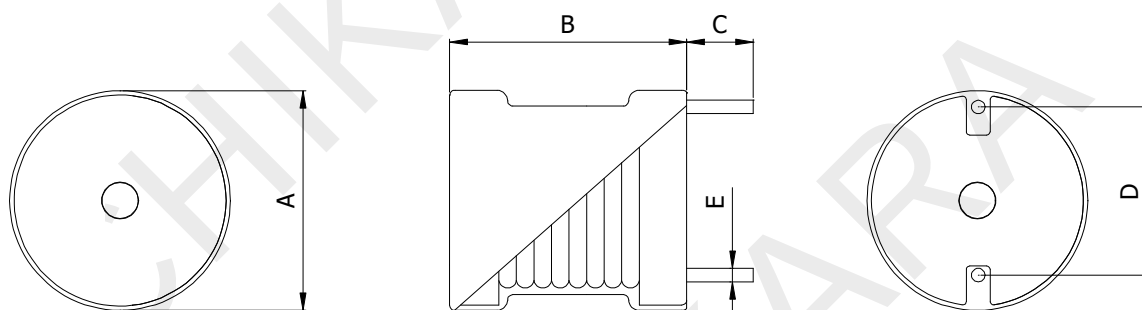


Features

- 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:21pcs. per tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E
Ø40.5Max.	28.0Max.	5.0±1.0	See table	See table

Part Number Description

DP01 - 4128 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.
DP01-4128470M	47±20%	12.77	15.0	40.0	14.4	28.96	1.70
DP01-4128560M	56±20%	13.99	16.5	38.0	14.4	28.96	1.70
DP01-4128680M	68±20%	15.47	18.0	35.0	14.4	28.96	1.70
DP01-4128101K	100±10%	18.87	22.0	28.5	14.4	28.96	1.70
DP01-4128151K	150±10%	28.86	33.5	24.0	11.4	28.57	1.50
DP01-4128221K	220±10%	38.23	44.0	19.5	11.4	28.57	1.50
DP01-4128271K	270±10%	47.45	55.0	16.0	11.4	29.36	1.40
DP01-4128391K	390±10%	73.77	85.0	12.0	9.0	30.15	1.20
DP01-4128561K	560±10%	96.71	111.5	11.0	7.2	28.57	1.15
DP01-4128821K	820±10%	136.0	156.5	10.0	7.2	30.15	1.10
DP01-4128102K	1000±10%	177.1	204.0	9.5	5.5	26.97	1.00
DP01-4128152K	1500±10%	229.2	264.0	7.5	4.5	29.36	1.00
DP01-4128222K	2200±10%	390.0	449.0	5.5	4.0	26.97	0.80
DP01-4128332K	3300±10%	516.1	594.0	5.0	2.8	26.97	0.80
DP01-4128472K	4700±10%	784.3	902.0	4.0	2.0	28.19	0.70
DP01-4128682K	6800±10%	1237.5	1424.0	3.5	1.6	28.19	0.60
DP01-4128103K	10000±10%	2051.5	2360.0	2.8	1.3	29.46	0.50
DP01-4128153K	15000±10%	2612.0	3004.0	1.9	1.3	29.46	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.