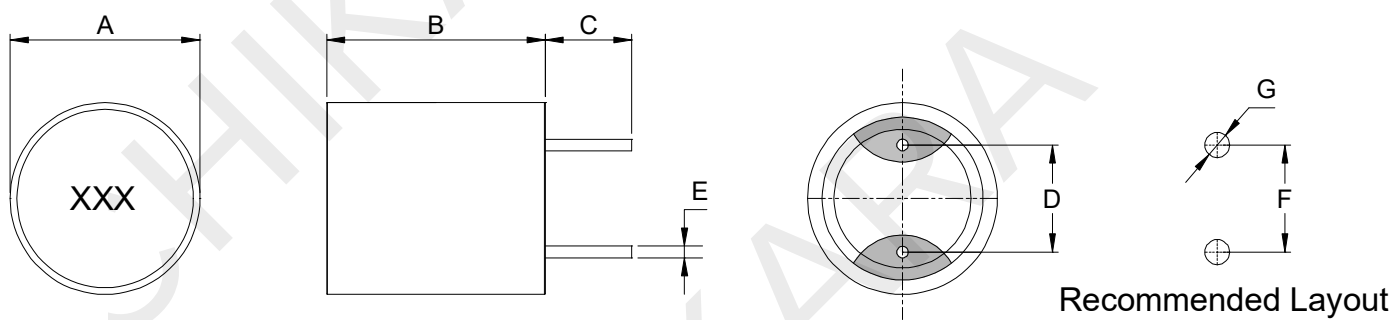


Features

- Shielded, 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:120pcs. per tray
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E	F	G
Ø11.0Max.	14.0Max.	5.0±0.5	5.0±0.5	Ø0.7±0.1	5.0	Ø1.2

Part Number Description

DP05 - 1114 102 K

① ② ③ ④

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(uH)	Q Typ.	Q Freq.(KHz)	SRF (MHz)Typ.	DCR (Ω)Max.	Rated Current (mA)Max.
DP05-1114102K	1000±10%	70	50	0.77	3.4	90
DP05-1114122K	1200±10%	70	50	0.70	3.7	75
DP05-1114152K	1500±10%	70	50	0.64	4.0	70
DP05-1114182K	1800±10%	70	50	0.57	4.5	65
DP05-1114222K	2200±10%	70	50	0.51	5.2	60
DP05-1114272K	2700±10%	100	50	0.48	5.8	55
DP05-1114332K	3300±10%	100	50	0.44	6.1	50
DP05-1114392K	3900±10%	100	50	0.41	7.2	45
DP05-1114472K	4700±10%	100	50	0.38	7.5	40
DP05-1114562K	5600±10%	100	50	0.35	8.4	40
DP05-1114682K	6800±10%	100	50	0.32	9.7	35
DP05-1114822K	8200±10%	100	50	0.28	10	30
DP05-1114103J	10000±5%	100	50	0.25	12	25
DP05-1114123J	12000±5%	100	50	0.22	13	25
DP05-1114153J	15000±5%	100	50	0.22	15	20
DP05-1114183J	18000±5%	100	50	0.19	17	22
DP05-1114223J	22000±5%	100	50	0.19	19	21
DP05-1114273J	27000±5%	100	50	0.16	22	18
DP05-1114333J	33000±5%	100	50	0.16	26	17
DP05-1114363J	36000±5%	100	50	0.20	27	16
DP05-1114393J	39000±5%	100	50	0.12	45	15
DP05-1114473J	47000±5%	100	50	0.12	52	13
DP05-1114563J	56000±5%	100	50	0.12	58	12
DP05-1114683J	68000±5%	100	50	0.09	67	11
DP05-1114823J	82000±5%	100	50	0.09	71	10
DP05-1114104J	100000±5%	100	50	0.09	82	9
DP05-1114124J	120000±5%	100	50	0.08	97	8

- Test frequency and voltage:1KHz,0.25Vrms.
- All test data referenced to 25°C ambient.
- Rated current: The DC current at which the inductance decreases to 90% of it's initial value or when $\Delta t=20^{\circ}\text{C}$, whichever is lower.