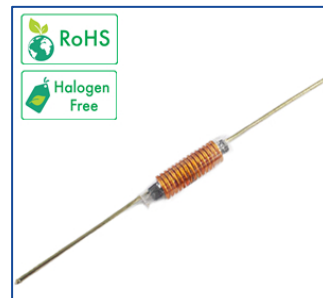
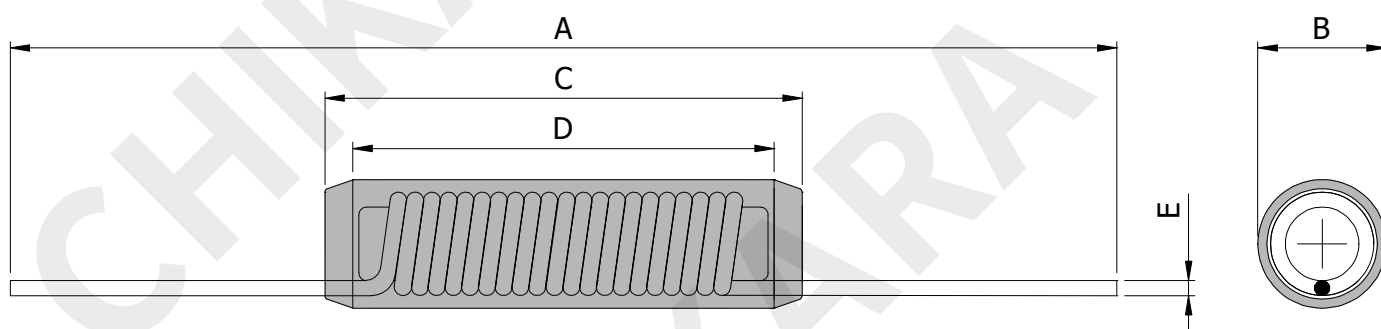


Features

- Unshielded, Rod 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: See table
- RoHs&Halogen-free compliant



Mechanical Dimension(Unit:mm)



A	B	C	D	E
97±5	See table	See table	See table	See table

Part Number Description

DP03 - H A 0518 170 M
① ②③ ④ ⑤ ⑥

①	Type
②	Horizontal or vertical
③	Shape code
④	Dimensions
⑤	Inductance value
⑥	Tolerance code

Electrical Schematic



Electrical Characteristic

Part Number	Inductance L0(uH)	DCR (mΩ)	SRF (MHz)Typ.	Rated Current (A)Max.	B (mm)Max.	C (mm)Max.	D (mm)Max.	E (mm)Typ.
DP03-HA0518170M	17±20%	63±20%	100	2.0	Ø7.0	24	18.3	Ø0.45
DP03-HA05188R0M	8.0±20%	25±20%	145	3.0	Ø7.0	24	18.3	Ø0.63
DP03-HA0424130M	13±20%	24±20%	170	3.0	Ø6.5	29	24.5	Ø0.67
DP03-HA0424200M	20±20%	54±20%	125	3.0	Ø6.0	29	24.5	Ø0.50
DP03-HA0628250M	25±20%	46±20%	85	3.0	Ø8.5	34	28.5	Ø0.63
DP03-HA05186R0M	6.0±20%	17±20%	170	4.0	Ø7.5	24	18.3	Ø0.75
DP03-HA0424110M	11±20%	20±20%	150	4.0	Ø6.5	29	24.5	Ø0.71
DP03-HA0628150M	15±20%	24±20%	120	4.0	Ø8.5	34	28.5	Ø0.75
DP03-HA05184R0M	4.0±20%	14±20%	205	6.0	Ø7.5	24	18.3	Ø0.80
DP03-HA04246R0M	6.0±20%	10±20%	200	6.0	Ø7.0	29	24.5	Ø0.95
DP03-HA06289R0M	9.0±20%	12±20%	150	6.0	Ø9.0	34	28.5	Ø0.95
DP03-HA04243R0M	3.0±20%	6.0±20%	220	9.0	Ø7.5	29	24.5	Ø1.20
DP03-HA06285R0M	5.0±20%	5.0±20%	175	10.0	Ø9.5	34	28.5	Ø1.30

- Test frequency and voltage:1MHz,1Vrms for 3.0uH~10uH,100KHz,1Vrms for 11uH~25uH.
- All test data referenced to 25°C ambient.
- Rated current: The DC current at which the temperature rise is Δt of 40°C.