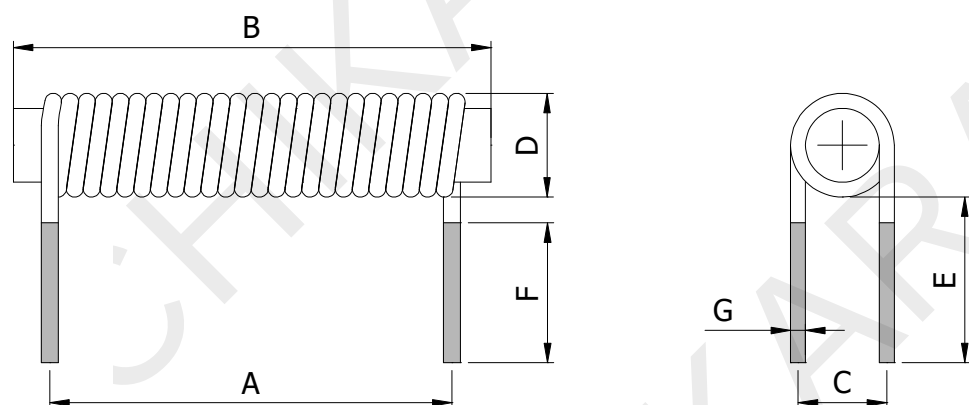


Features

- 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: Tray and carton box
- RoHs&Halogen-free compliant



Shape



A	B	C	D	E	F	G
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See table below for all dimensions

Part Number Description

DP03 - 025140 2R2 M

①	Type
②	Dimensions
③	Inductance value
④	Tolerance code

Electrical Schematic



Mechanical Dimension(Unit:mm)

Part Number	A (mm)Ref.	B (mm)Typ.	C (mm)Ref.	D (mm)Max.	E (mm)	F (mm)Min.	G (mm)Typ.
DP03-0251402R2M	9.2	14.0	3.3	Ø4.0	20.0±2.0	14.0	Ø0.65
DP03-0301302R3M	9.2	13.0	3.8	Ø4.5	19.0±2.0	15.0	Ø0.65
DP03-0301604R6M	13.4	16.0	3.8	Ø4.5	19.0±2.0	15.0	Ø0.65
DP03-0401502R9M	13.0	15.0	5.1	Ø6.0	18.0±2.0	15.0	Ø0.85
DP03-0401754R4M	15.7	17.5	5.1	Ø6.0	18.0±2.0	15.0	Ø0.85
DP03-0402005R9M	18.5	20.0	5.1	Ø6.0	18.0±2.0	15.0	Ø0.85
DP03-0502003R7M	19.0	20.0	6.4	Ø7.7	16.0±2.0	12.0	Ø1.20
DP03-0602508R0M	22.8	25.0	7.3	Ø8.5	16.0±2.0	11.0	Ø1.10
DP03-0602501R9M	13.1	25.0	8.0	Ø9.7	8.0±1.0	4.0	Ø1.70
DP03-0903004R7M	25.9	30.0	10.4	Ø13.0	10.8±1.0	4.0	Ø2.00

Electrical Characteristic

Part Number	Inductance L0(μH)	DCR (mΩ)Max.	SRF (MHz)Typ.	Rated Current (A)Max.	Weight (G)Typ.
DP03-0251402R2M	2.2±20%	10	220	6.5	0.9
DP03-0301302R3M	2.3±20%	15	200	6.5	1.0
DP03-0301604R6M	4.6±20%	20	160	6.0	1.4
DP03-0401502R9M	2.9±20%	12	155	7.5	2.3
DP03-0401754R4M	4.4±20%	14	140	7.2	2.7
DP03-0402005R9M	5.9±20%	16	115	6.8	3.2
DP03-0502003R7M	3.7±20%	7.7	120	12.0	5.4
DP03-0602508R0M	8.0±20%	13	70	11.0	7.5
DP03-0602501R9M	1.9±20%	2.4	130	24.0	7.8
DP03-0903004R7M	4.7±20%	3.5	75	25.0	19.9

- Test frequency and voltage:100KHz,1Vrms.
- 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 $\Delta t=40^{\circ}\text{C}$, whichever is lower.