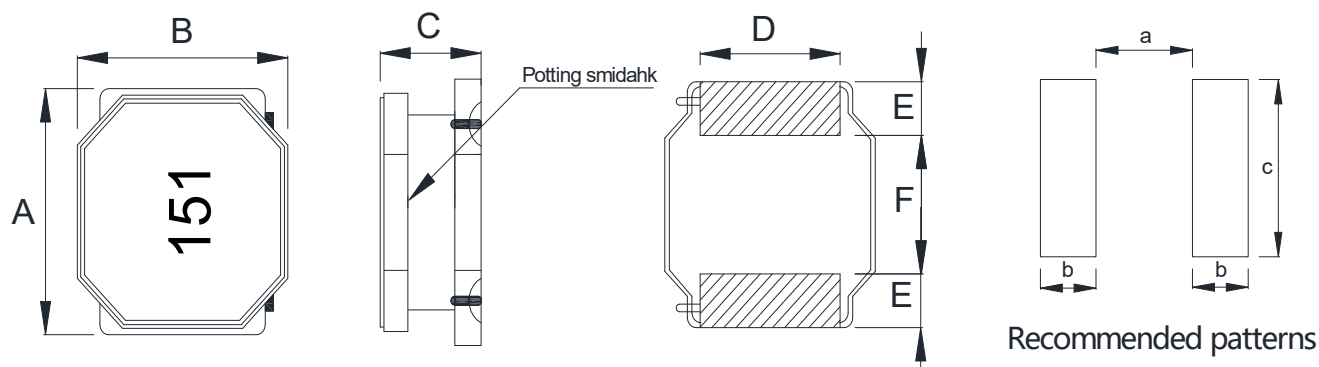


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
NR4035	4.0±0.2	4.0±0.2	3.5Max	3.3	0.95	2.1	1.9	1.1	3.7	2000

2. Part Number Code

NR	40	35	M	151	A
Series Name	Dimensions: L*W	Dimensions:H	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	DC Resistance (Ω) ±30%	Heat Rating Current Irms(A)	Saturation Current Isat(A)
NR4035M151A	150	100K Hz/1V	1.74	0.35	0.55

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +125°C(Including self - temperature rise).
- 3) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 4) Isat :DC current(A) that will cause I_o to drop approximately 35% .
- 5) The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions. Circuit design and other cooling provisions all affect the part temperature, part temperature should be verified in the end application.