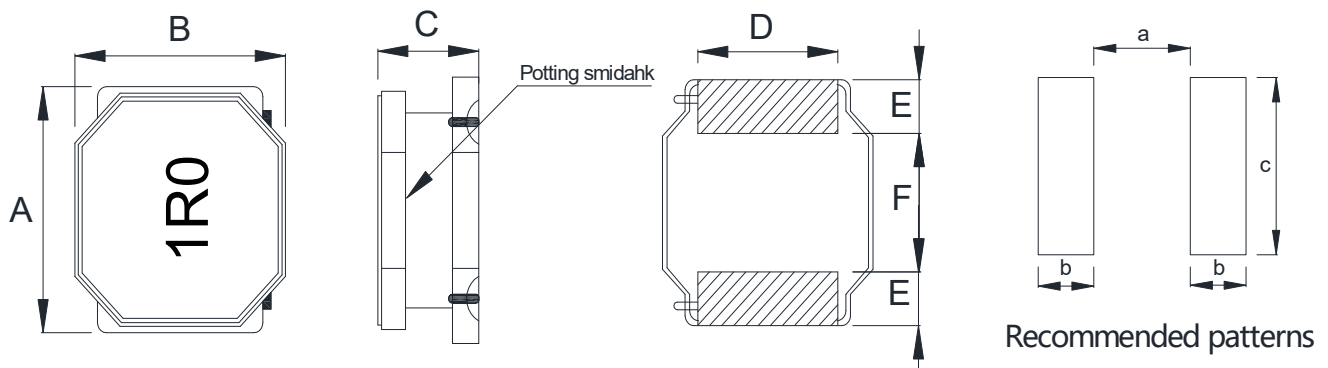


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
NR4020	4.0±0.2	4.0±0.2	2.0Max	3.5	1.2	1.6	1.2	1.5	3.8	3000

2. Part Number Code

NR	4020	M	1R0	A
Series Name	Dimensions: L*W*H	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	DC (mΩ) ±30%	Heat Rating Current Irms(A)	Saturation Current Isat(A)
NR4020M1R0A	1	100K Hz/1V	27	2.21	5

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 approximat 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.