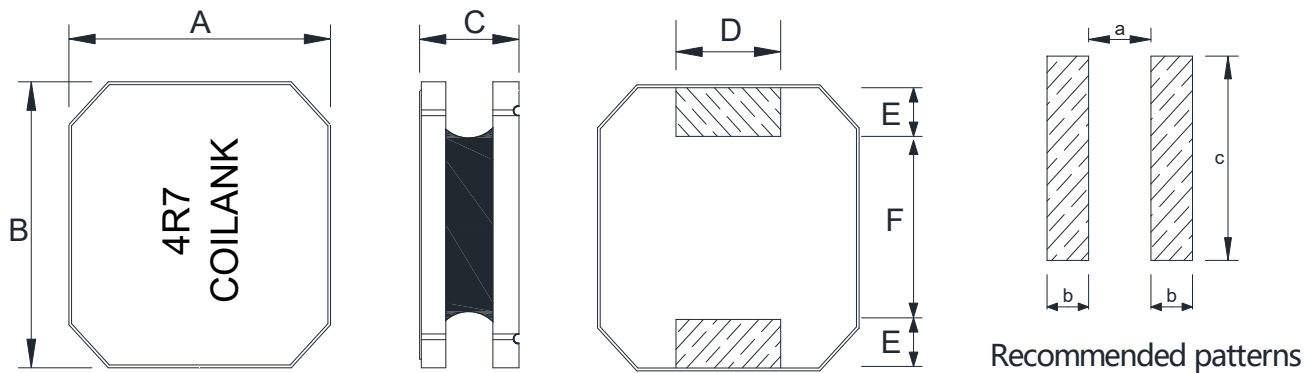


1. External Dimensions (Unit:mm)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
NR1050	10.0±0.3	10.0±0.3	5.1Max	4.2	1.7	6.4	6.2	2.0	5.5	700

2. Part Number Code

NR	1050	M	4R7	A
Series Name	Dimensions: L*W	Tolerance ±20%	Inductance	Materials

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Conditions	Resistance (mΩ) ±30%	Heat Rating Current Irms(A)	Saturation Current Isat(A)
NR1050M4R7A	4.7	100K Hz/1V	15	6.8	10

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 40%.
- 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.