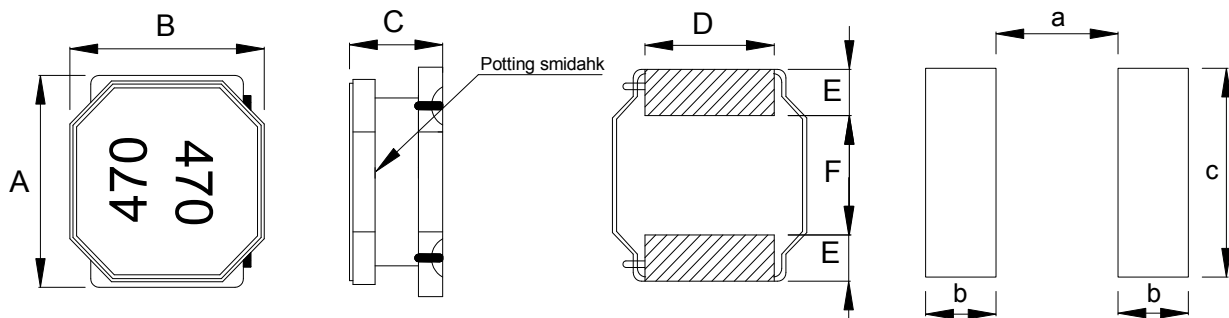


1. External Dimensions (Unit:m/m)



Type	A	B	C	D Typ.	E Typ.	F Typ.	a Typ.	b Typ.	c Typ.	Q'TY/Reel
NR3015	3.0±0.2	3.0±0.2	1.7Max	2.55	0.90	1.20	0.90	1.20	3.10	2000

2. Part Number Code

NR	30	15	M	470	Y	A
Series Name	Dimensions: L*W	Dimensions: H	Tolerance ±30%	Inductance	Non-standard	Materials

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Conditions	DC Resistance (Ω) ±30%	DC Current Irms(A) Typ.	DC Current Isat(A) Typ.
NR3015M470YA	47	100K Hz/1V	1.25	0.3	0.34

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.