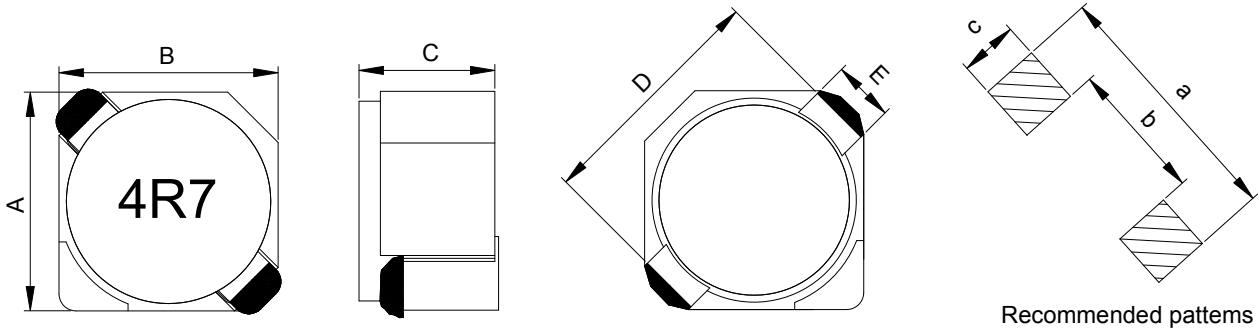


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	a	b	c	Q'TY/Reel
APD04T30	3.8±0.3	3.8±0.3	2.8±0.3	5.2Max	1.1Ref	4.3Ref	2.5Ref	1.3Ref	2000

2. Part Number Code

APD 04 T 30 M 4R7
A B C D E F

A: Series Name Power Inductors
 B: Dimensions(mm) 04: 3.8x3.8
 C: Materials T: Type
 D: Thickness(mm) 30: 2.8 ±0.3
 E: Tolerance M: ±20%
 F: Inductance 4R7=4.7uH

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current Isat (A)
APD04T30M4R7	4.7	100KHz/0.25V	88	1.65

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,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.