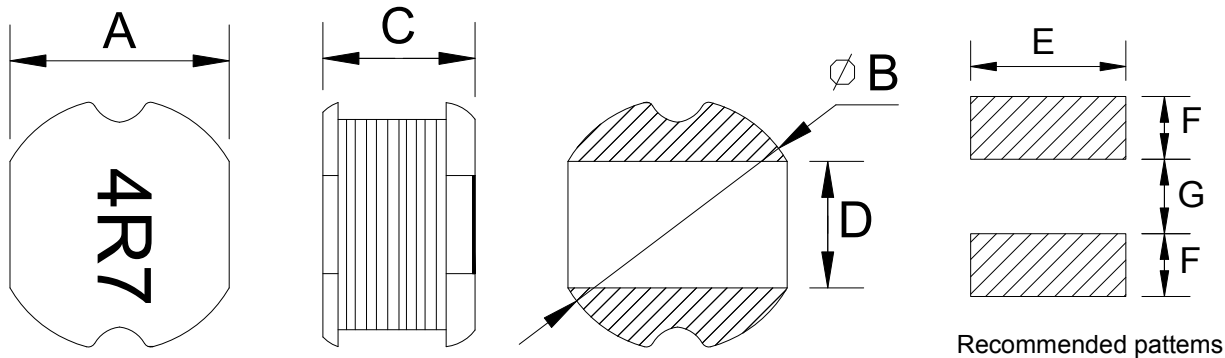


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	Q'TY/Reel
APC03A20	3.0±0.3	3.5±0.3	2.1±0.3	1.0Ref	3.5Ref	1.3Ref	0.9Ref	3000

2. Part Number Code

APC 03 A 20 LC M 4R7
A B C D E F G

A: Series Name Power Inductors
 B: Dimensions(mm) 03: 3.0x3.5
 C: Materials A: Type
 D: Thickness(mm) 20: 2.1
 E: Internal Control
 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 (A)Max.
APC03A20LCM4R7	4.7	100KHz/0.25V	330	1.03

Notes:

- 1) All test data is referenced to 25℃ ambient.
- 2) Operating temperature range -40℃ to +125℃,(Including self - temperature rise).
- 3) Isat :DC current(A) that will cause lo to drop approximately 35%.
- 4) The part temperature(ambient + temp rise)should not exceed 125℃ 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.