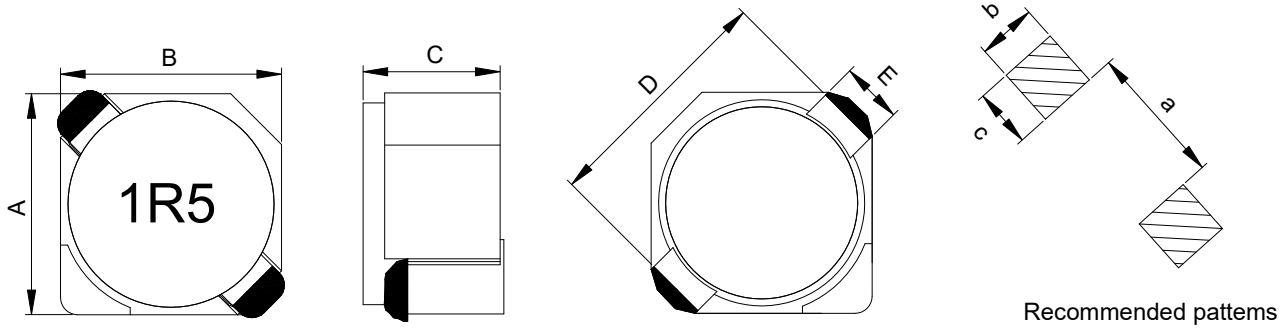
1. External Dimensions (Unit:m/m)



Recommended pattems

Type	A	B	C	D	E	a	b	c	Q'TY/Reel
APD2D18	3.2Max	3.2Max	2.0Max	3.3Max	1.0Ref	1.7Ref	1.3Ref	1.3Ref	1000

2. Part Number Code

APD	2D18	N	1R5
A	B	C	D

A:	Series Name	Power Inductors
B:	Dimensions(mm)	2D18：3.2x3.2x2.0 Max
C:	Tolerance	N： ±30%
D:	Inductance	1R5=1.5uH

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current Isat (A)
APD2D18N1R5	1.5	100KHz/0.25V	48	2.1

Notes:

1）All test data is referenced to 25℃ ambient.

2）Operating temperature range -40℃ to +125℃,(Including self - temperature rise).

3）Irms :DC current(A) that will cause an approximate△T of 40℃.

4）Isat :DC current(A) that will cause lo to drop approximately 35%.

5）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.

4. Test Data