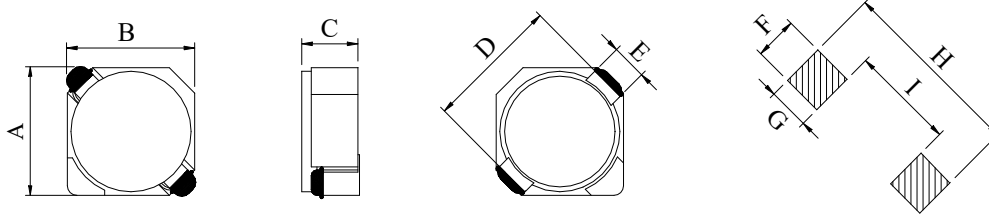


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	H	I	Q'TY/Reel
APD3D28	3.8±0.3	3.8±0.3	2.8±0.3	5.2Max	1.1Ref	1.5Ref	1.4Ref	5.2Ref	2.4Ref	2000

2. Part Number Code

APD 3D28 M 4R7
 A B C D

A: Series Name Power Inductors
 B: Dimensions(mm) 3D18: 3.8x3.8x2.8
 C: Tolerance M: ±20%
 D: Inductance 4R7=4.7uH

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Rated DC Current (A)Max.
APD3D28M4R7	4.7	100KHz/0.25V	88.0	1.65

Notes:

- All test data is referenced to 25°C ambient.
- Operating Temperature Range-40°C to +125°C.
- DC current(A) that will cause an approximate ΔT of 40°C.
- DC current(A) that will cause L_o to drop approximately 35%.
- The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions. Circuit design,component placement, PWB trace size and thickness,airflow and other cooling provisions all affect the part temperature, Part temperature should be verified in the end application.