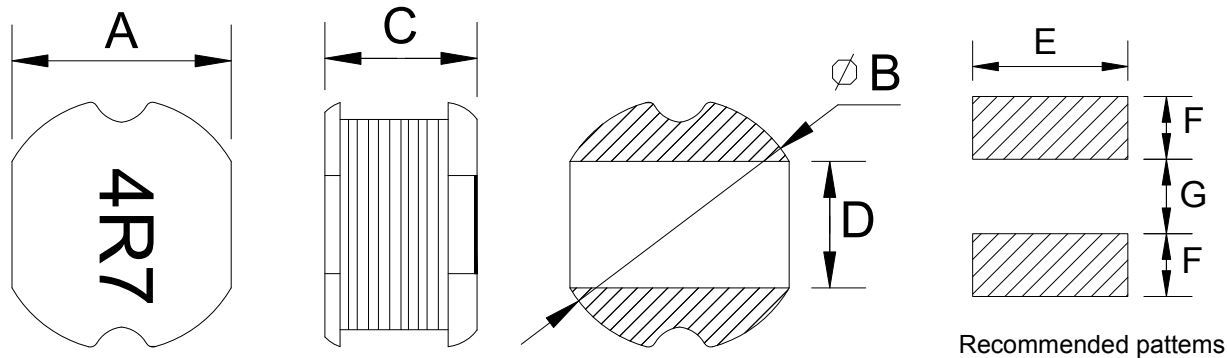


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	Q'TY/Reel
CD32	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

$\frac{CD}{A}$ $\frac{32}{B}$ $\frac{M}{C}$ $\frac{4R7}{D}$ $\frac{A}{E}$

A: Series Name Power Inductors
 B: Dimensions(mm) 32: 3.0x3.5x 2.1
 C: Tolerance M: ±20%
 D: Inductance 4R7=4.7uH
 E: Materials A: Type

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current (A)Max.
CD32M4R7A	4.7	100KHz/0.25V	330	1.03

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