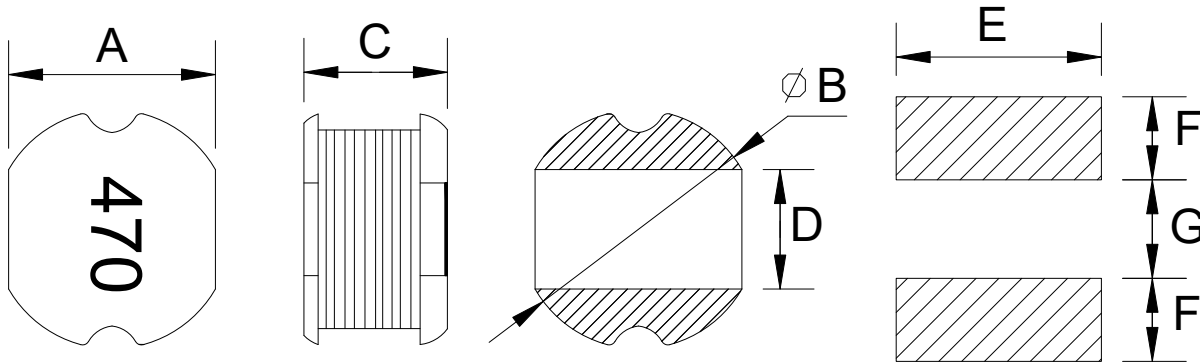


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	Q'TY/Reel
CD75	7.0±0.3	7.8±0.3	5.0±0.3	2.5Ref	7.5Ref	3.4Ref	1.5Ref	1000

2. Part Number Code

$\frac{CD}{A}$ $\frac{75}{B}$ $\frac{K}{C}$ $\frac{470}{D}$ $\frac{A}{E}$

A: Series Name Power Inductors
 B: Dimensions(mm) 75: 7.0x7.8x5.0
 E: Tolerance K: ±10%
 F: Inductance 470=47uH
 C: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current (A)Max.
CD75K470A	47.0	100KHz/0.25V	180.0	1.5

Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +125°C.
- 3) Isat :DC current(A) that will cause I_o 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.