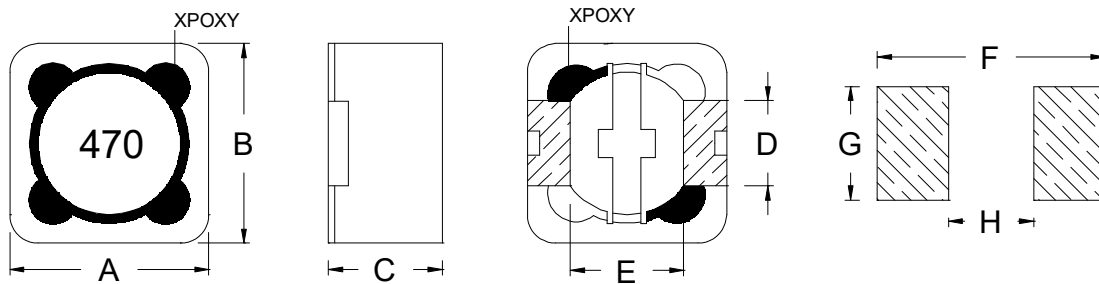


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	G	H	Q'TY/Reel
RH124	12.5Max	12.5Max	4.5Max	5.0Ref	7.6Ref	12.6Ref	5.4Ref	7.0Ref	500

2. Part Number Code

$\frac{RH}{A}$ $\frac{124}{B}$ $\frac{M}{C}$ $\frac{470}{D}$ $\frac{A}{E}$

A: Series Name Power Inductors
 B: Dimensions(mm) 124: 12.5x12.5x4.5 Max
 C: Tolerance M: $\pm 20\%$
 D: Inductance 470=47uH
 E: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Saturation Current DC(A) Max.
RH124M470A	47.0	100KHz/0.25V	150.0	1.9

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.