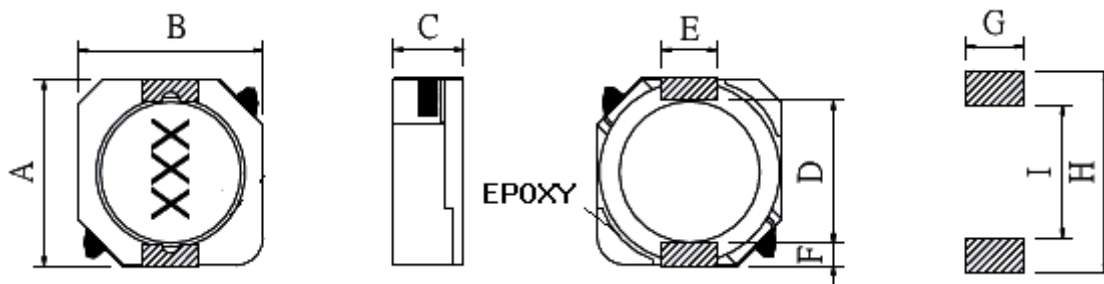


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	G	H	I	Q'TY/Reel
APT10A50	10.6Max	10.4Max	5.1Max	7.7Ref	3.0Ref	1.2Ref	3.2Ref	10.5Ref	7.3Ref	800

2. Part Number Code

APT 10 A 50 M 220 -E
 A B C D E F G

A: Series Name Power Inductors
 B: Dimensions(mm) 10: 10.6x10.4 Max
 C: Materials NO use
 D: Thickness(mm) 50: 5.1Max
 E: Tolerance M: $\pm 20\%$
 F: Inductance 220=22uH
 G: Non-standard

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Saturation Current (A)Max.
APT10A50M220-E	22.0	100KHz/0.25V	59.0	2.95

Notes:

- All test data is referenced to 25°C ambient.
- Operating Temperature Range-40°C to +125°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.