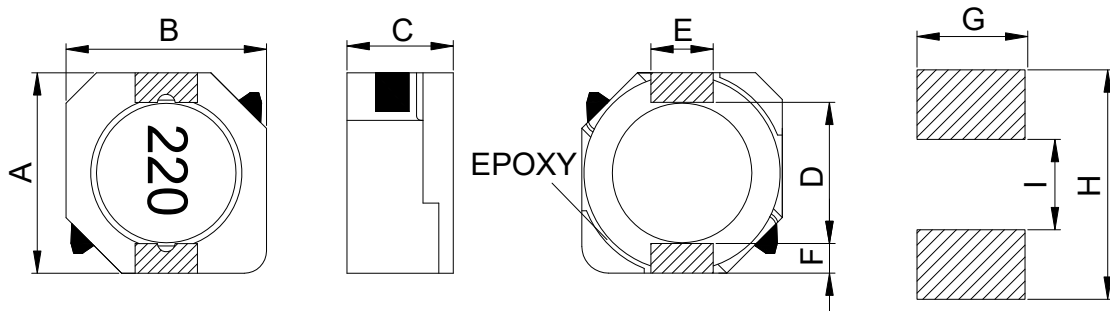


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	G	H	I	Q'TY/Reel
ACDH105R	10.6Max	10.4Max	5.1Max	7.7Ref	3.0Ref	1.2Ref	3.2Ref	10.5Ref	7.3Ref	800

2. Part Number Code

ACDH 105R 220 EM
 A B C D

A: Series Name Power Inductors
 B: Dimensions(mm) 105R: 10.6x10.4x5.1 Max
 C: Inductance 220=22uH
 D: Internal controls

3. Electrical Characteristics

Part Number	Inductance (μ H) $\pm 20\%$	Test Frequency (KHz)	DC Resistance (m Ω)Max.	Saturation Current (A)Max.
ACDH105R220EM	22.0	100KHz/0.25V	59.0	2.95

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.