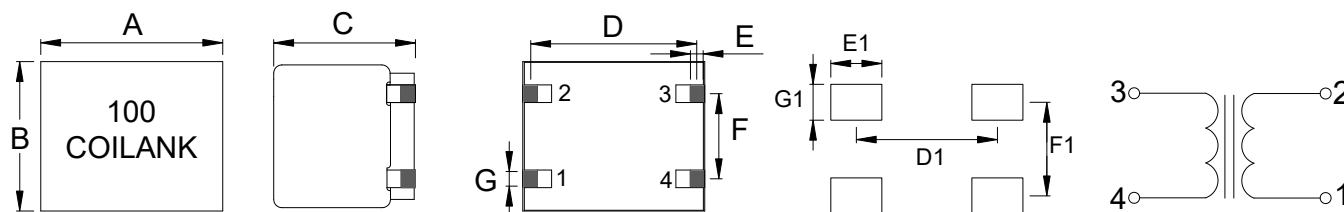


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	D1	E1	F1	G1	Q'TY/Reel
BL1010	13.0Max	10.7Max	11.0Max	11.0Ref	1.5Ref	6.1Ref	1.5±0.1	11.0Ref	2.0Ref	6.1Ref	3.0Ref	300

2. Part Number Code

BL 1010 M 100 H
 A B C D E

A: Series Name Power Inductor for Digital Amplifier
 B: Dimensions(mm) 1010: 13.0x10.7x11.0 Max
 C: Tolerance M: ±20%
 D: Inductance 100=10uH
 E: Internal controls

3. Electrical Characteristics

Part Number	Inductance (uH) N1=N2	Test Frequency (KHz)	DCR(mΩ) Max. N1=N2	Heat Rating Current Irms(A) N1=N2	Saturation Current Isat(A) N1=N2
BL1010M100H	10.0	100KHz/1V	18.0	7.0	10.0

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) Irms :DC current(A) that will cause an approximate ΔT of 40°C.
- 4) Isat :DC current(A) that will cause I_o to drop approximately 30%.
- 5) 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.