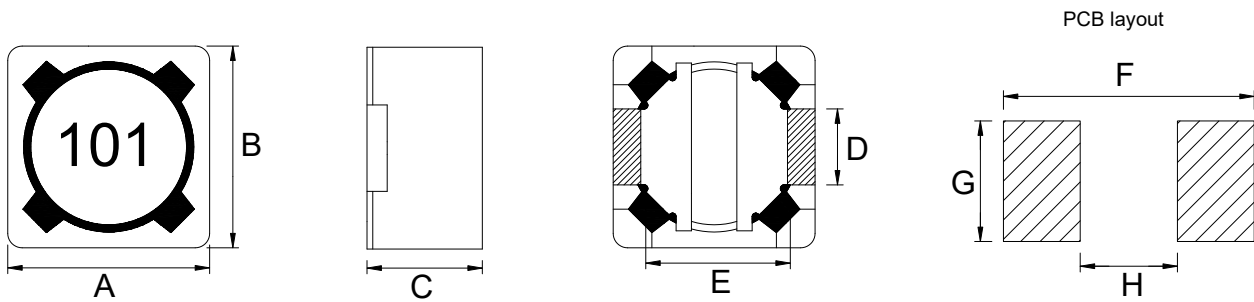


### 1. External Dimensions (Unit:m/m)



| TYPE  | A      | B      | C      | D      | E      | F      | G       | H      | Q'TY/Reel |
|-------|--------|--------|--------|--------|--------|--------|---------|--------|-----------|
| ARH74 | 7.5Max | 7.5Max | 4.5Max | 2.0Ref | 5.0Ref | 8.5Ref | 3.25Ref | 3.5Ref | 1000      |

### 2. Part Number Code

ARH    74    M    101    A  
 A        B        C        D        E

A: Series Name                      Power Inductors  
 B: Dimensions(mm)                74: 7.5x7.5x4.5 Max  
 C: Tolerance                          M: ±20%  
 D: Inductance                        101=100uH  
 E: Materials                          A: Type

### 3. Electrical Characteristics

| Part Number | Inductance (uH) | Test Frequency (KHz) | DC Resistance (mΩ)Max. | Saturation Current (A)Max. |
|-------------|-----------------|----------------------|------------------------|----------------------------|
| ARH74M101A  | 100.0           | 100KHz/0.25V         | 610.0                  | 0.68                       |

Notes:

- 1) AEC-Q200 qualified.
- 2) All test data is referenced to 25°C ambient.
- 3) Operating temperature range -40°C to +125°C,(Including self - temperature rise).
- 4) Isat :DC current(A) that will cause I<sub>o</sub> to drop approximately 35%.
- 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.