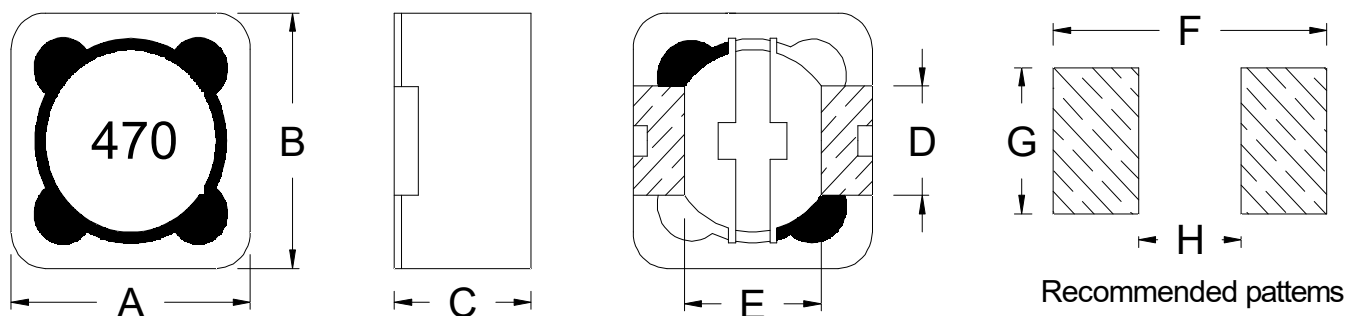


## 1. External Dimensions (Unit:mm)



| Type  | A       | B       | C       | D Ref | E Ref | F Ref | G Ref | H Ref | Q'TY/Reel |
|-------|---------|---------|---------|-------|-------|-------|-------|-------|-----------|
| RH129 | 12.5Max | 12.5Max | 10.0Max | 5     | 7.6   | 12.6  | 5.4   | 7     | 300       |

## 2. Part Number Code

|             |                   |                |            |           |
|-------------|-------------------|----------------|------------|-----------|
| RH          | 129               | M              | 470        | A         |
| Series Name | Dimensions: L*W*H | Tolerance ±20% | Inductance | Materials |

## 3. Electrical Characteristics

| Part Number | Inductance (μH) | Test Frequency (KHz) | DC Resistance (mΩ) Max. | Saturation Current (A)Max. |
|-------------|-----------------|----------------------|-------------------------|----------------------------|
| RH129M470A  | 47              | 100                  | 63                      | 3.45                       |

### Notes:

- 1) All test data is referenced to 25°C ambient.
- 2) Operating temperature range -40°C to +105°C,(Including self - temperature rise).
- 3) Isat :DC current(A) that will cause I<sub>o</sub> to drop approximately 35%.
- 4) The part temperature(ambient + temp rise)should not exceed 105°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.