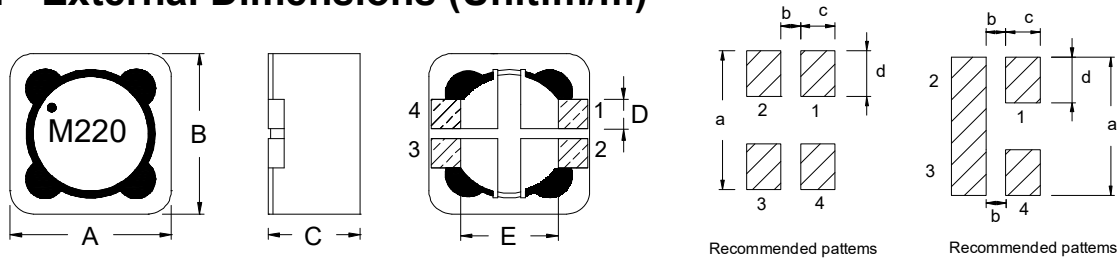
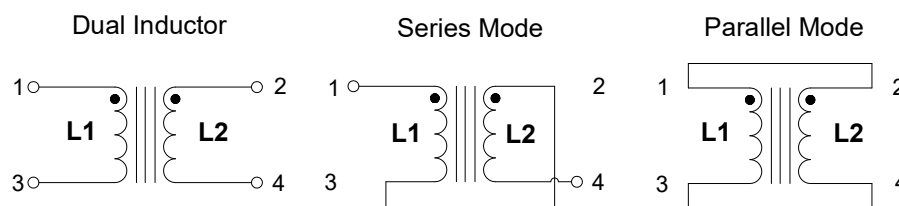


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	a	b	c	d	Q'TY/Reel
RH125	12.5Max	12.5Max	6.0Max	2.0Ref	8.0Ref	13.8Ref	0.5Ref	2.5Ref	3.85Ref	600

2. Schematics



3. Part Number Code

RH 125 M 220 M
 A B C D E

A: Series Name Power Inductors
 B: Dimensions(mm) 125: 12.5x12.5x6.0 Max
 C: Tolerance M: $\pm 20\%$
 D: Inductance 220=22uH
 E: Internal controls

4. Electrical Characteristics

Part Number	Winding	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (m Ω)Typ.	Heat Rating Current Irms(A)	Saturation Current Isat(A)
RH125M220M	L(1,2-3,4) Parallel Ratings	22.36	100KHz/0.25V	39.2	3.75	4.4
	L(1-4)(2,3) Series Ratings	89.44	100KHz/0.25V	157.5	1.86	2.2

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) 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 35%.
- 5) 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.