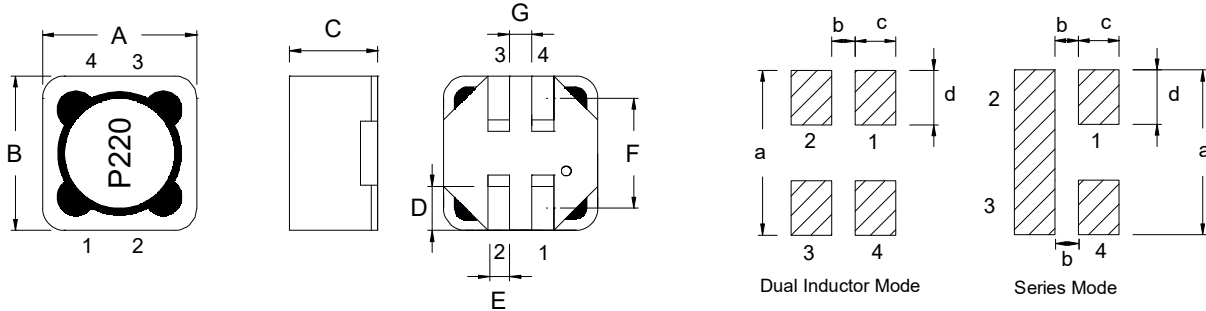
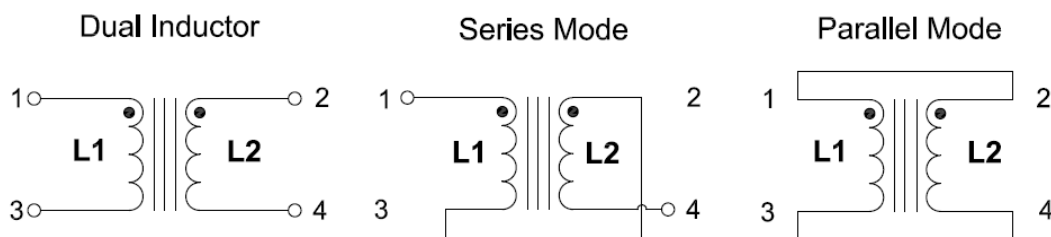


1. External Dimensions (Unit:m/m)



Type	A	B	C	D	E	F	G	a	b	c	d	Q'TY/Reel
RH127	12.5Max	12.5Max	8.0Max	2.0Ref	1.7Ref	10.0Ref	1.6Ref	13.8Ref	0.5Ref	2.5Ref	3.85Ref	350

2. Schematics



3. Part Number Code

RH 127 M 220 P
A B C D E

A: Series Name Power Inductors
B: Dimensions(mm) 127: 12.5x12.5x8.0 Max
C: Tolerance M: $\pm 20\%$
D: Inductance 220=22uH
E: Internal controls

4. Electrical Characteristics

Part Number	Rated Inductance (μH)	Parallel Ratings					Series Ratings				
		OCL $\pm 20\%$ (μH)	I _{rms} (A)	I _{sat} (A)	DCR (m Ω) Typ.	DCR (m Ω) Max.	OCL $\pm 20\%$ (μH)	I _{rms} (A)	I _{sat} (A)	DCR (m Ω) Typ.	DCR (m Ω) Max.
RH127M220P	22.0	22.0	3.98	7.57	40.0	47.0	88.0	1.99	3.79	162.0	192.0

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) I_{rms} :DC current(A) that will cause an approximate ΔT of 40°C.
- 4) I_{sat} :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.