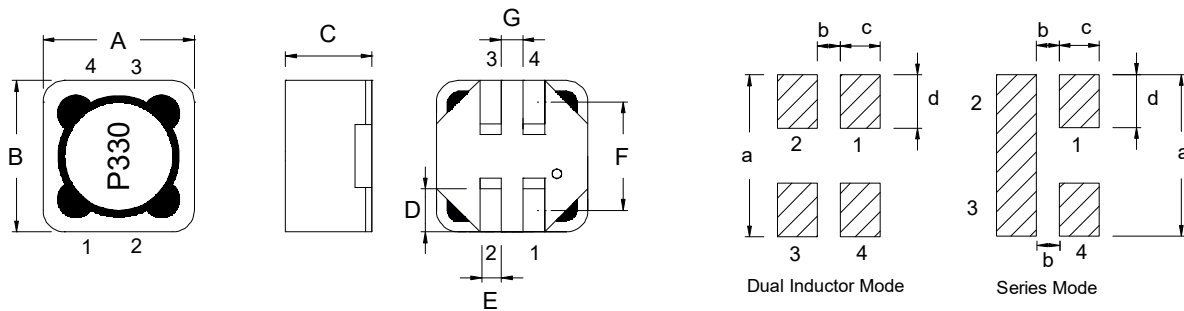
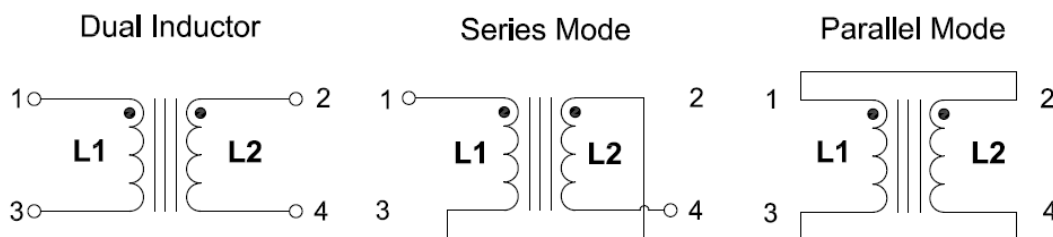


1. External Dimensions (Unit:m/m)



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 330 P
 A B C D E

A: Series Name Power Inductors
 B: Dimensions(mm) 127: 12.5x12.5x8.0 Max
 C: Tolerance M: ±20%
 D: Inductance 330=33uH
 E: Materials P: Type

4. Electrical Characteristics

Part Number	Rated Inductance (μH)	Parallel Ratings					Series Ratings				
		OCL ±20% (uH)	I _{rms} (A)	I _{sat} (A)	DCR (mΩ) Typ.	DCR (mΩ) Max.	OCL ±20% (uH)	I _{rms} (A)	I _{sat} (A)	DCR (mΩ) Typ.	DCR (mΩ) Max.
RH127M330P	33.0	32.0	3.22	6.22	60.0	72.00	128.0	1.61	3.11	240.0	288.0

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_{sat} :DC current(A) that will cause I_o 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.