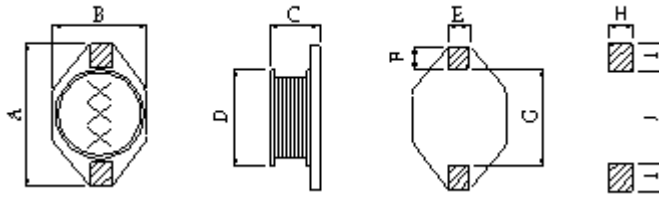


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	F	G	H	I	J	Q'TY/Reel
APB05A30	6.60Max	4.5Max	3.0Max	4.0Ref	1.27	1.15	4.1	2.64	1.14	4.57	2500

2. Part Number Code

APB 05 A 30 M 100
 A B C D E F

A: Series Name Power Inductors
 B: Dimensions(mm) 05: 6.60x4.5 Max
 C: Materials NO use
 D: Thickness(mm) 30: 3.0 Max
 E: Tolerance M: $\pm 20\%$
 F: Inductance 100=10uH

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max	Saturation Current Isat (A)	Heat Rating Current Irms (A)
APB05A30M100	10	100KHz/0.25V	160	1.2	1.1

4. Test Data

ELECTRICAL CHARCTERISTIC					MECHANICAL DIMENSIONS				
SPEC	L(uH))	DCR(mΩ)	ISAT(uH)		A(mm)	B(mm)	C(mm)	D(mm)	
TOL	10	160	1.2A		6.60	4.5	3.0	4.0	
NO	$\pm 20\%$	Max	(L0A-L1.2A) /L0A $\leq 35\%$		Max	Max	Max	Ref	
1	9.65	78.5	8.36		6.42	4.16	2.65	OK	
2	9.63	82.7	8.34		6.45	4.18	2.67	OK	
3	9.82	82.6	8.35		6.47	4.15	2.69	OK	
4	9.85	86.1	8.29		6.41	4.12	2.61	OK	
5	9.68	82.3	8.35		6.43	4.17	2.65	OK	
6	9.63	74.6	8.29		6.45	4.19	2.63	OK	
7	9.85	87.9	8.32		6.50	4.15	2.66	OK	
8	9.74	79.5	8.38		6.44	4.17	2.64	OK	
9	9.81	85.8	8.28		6.46	4.15	2.67	OK	
10	9.65	73.6	8.37		6.42	4.16	2.65	OK	

Test Equipments: CH1062, TH1775, TH2512B