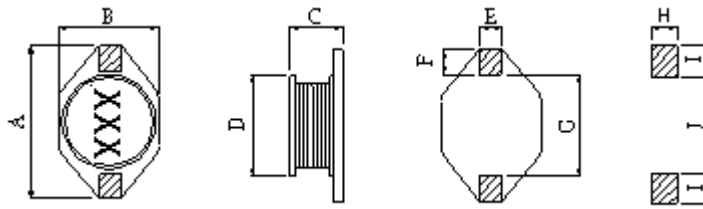


1. External Dimensions (Unit:mm)



TYPE	A	B	C	D	E	F	G	H	I	Q'TY/Reel
APB09A50	13.5Max	9.6Max	5.2Max	8.38	2.54	2.54	7.62	2.79	2.92	1000

2. Part Number Code

APB 09 A 50 M 2R2
 A B C D E F

A: Series Name Power Inductors
 B: Dimensions(mm) 09: 13.5x9.6 Max
 C: Materials NO use
 D: Thickness(mm) 50: 5.2 Max
 E: Tolerance M: $\pm 20\%$
 F: Inductance 2R2=2.2uH

3. Electrical Characteristics

Part Number	Inductance (uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max	Rated DC Current (A)Max
APB09A50M2R2	2.2	100KHz/0.25V	25	7.0

4. Test Data

ELECTRICAL CHARCTERISTIC					MECHANICAL DIMENSIONS				
SPEC	L(uH))	DCR(mΩ)	IDC(uH)		A(mm)	B(mm)	C(mm)	D(mm)	
TOL	2.2	25	7.0A		13.5	9.6	5.2	8.38	
NO	$\pm 20\%$	Max	(L0A-L7.0A) /L0A $\leq 35\%$		Max	Max	Max	Ref	
1	2.05	10.7	1.99		12.96	9.24	4.85	OK	
2	2.08	12.8	1.95		12.93	9.26	4.88	OK	
3	2.06	11.3	1.96		12.97	9.27	4.87	OK	
4	2.07	12.6	1.97		12.97	9.26	4.85	OK	
5	2.09	14.9	1.98		12.99	9.25	4.86	OK	
6	2.11	13.3	1.93		12.95	9.24	4.85	OK	
7	2.03	11.7	1.94		12.98	9.28	4.88	OK	
8	2.05	10.6	1.95		12.99	9.26	4.82	OK	
9	2.08	12.8	1.96		12.97	9.29	4.83	OK	
10	2.07	11.9	1.96		12.98	9.27	4.85	OK	

Test Equipments: CH1062, TH1775, TH2512B