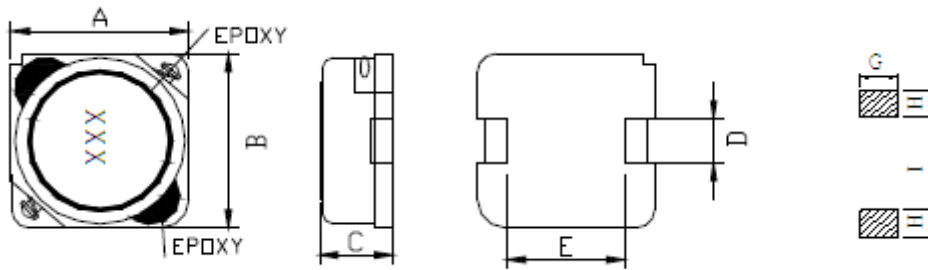


1. External Dimensions (Unit:m/m)



TYPE	A	B	C	D	E	G	H	I	Q'TY/Reel
APV06A28	6.0±0.3	6.0±0.3	3.1Max	2.0Ref	3.0Ref	2.2Ref	1.5Ref	4.0Ref	1500

2. Part Number Code

APV 06 A 28 M 100
 A B C D E F

A: Series Name Power Inductors
 B: Dimensions(mm) 06: 6.0 x6.0
 C: Materials NO use
 D: Thickness(mm) 28: 3.1 Max
 E: Tolerance M: ±20%
 F: Inductance 100=10uH

3. Electrical Characteristics

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)±20%	Isat (A)Max	Irms (A)Typ
APV06A28M100	10	100KHz/0.25V	53.2	1.3	1.8

4. Test Data

ELECTRICAL CHARCTERISTIC					MECHANICAL DIMENSIONS				
SPEC	L(μH)	DCR(mΩ)	Isat(μH)		A(mm)	B(mm)	C(mm)	D(mm)	
TOL	10	53.2	1.3A		6.0	6.0	3.1	2.0	
NO	±20%	±20%	(L0A-L1.30A))/L0A≤ 35%		±0.3	±0.3	Max	Ref	
1	9.56	54.61	8.29		6.03	5.97	3.02	OK	
2	9.45	55.52	8.24		6.05	6.06	3.07	OK	
3	9.68	54.48	8.32		6.01	6.07	3.01	OK	
4	9.76	55.57	8.34		6.02	6.08	3.08	OK	
5	9.69	55.63	8.24		6.02	6.03	3.05	OK	
6	9.55	54.51	8.03		6.03	6.05	3.04	OK	
7	9.49	55.46	8.01		5.98	6.04	3.05	OK	
8	9.85	55.54	8.35		6.01	6.06	3.07	OK	
9	9.64	55.61	8.10		6.06	5.99	3.00	OK	
10	9.51	54.74	8.06		5.99	6.05	3.08	OK	

Test Equipments: CH1062, TH1775, TH2512B