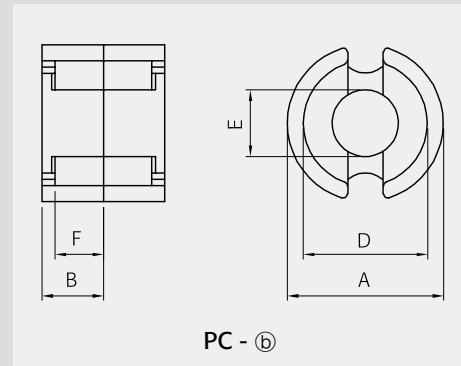
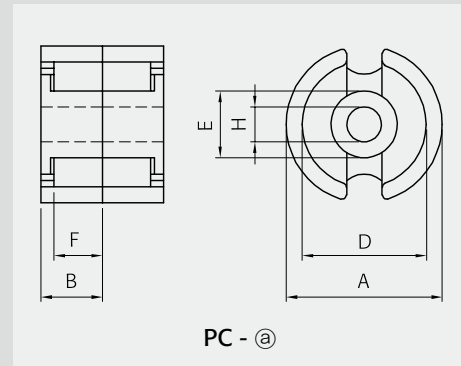


PC CORES



Part No.	PC0506S	PC0909S	PC1408H	PC1811A	
Type	PC - (b)	PC - (b)	PC - (a)	PC - (a)	
Dimensions in mm	A	5.35 ±0.15	8.70 ±0.20	14.00 ±0.25	17.90 ±0.30
	B	3.20 ±0.10	4.50 ±0.10	4.18 ±0.10	5.30 ±0.10
	C	3.05 ±0.15	4.15 ^{+0.00} _{-0.25}	9.40 ref.	10.40 ref.
	D	4.25 ±0.15	7.20 ±0.20	11.85 ±0.25	15.10 ±0.25
	E	1.90 ±0.10	2.70 ±0.10	5.85 ±0.45	7.40 ±0.15
	F	2.50 ±0.10	3.40 ±0.10	2.90 ±0.15	3.70 ±0.10
	H			3.10 ±0.15	3.10 ±0.10

Core Set Parameters	C1(mm ⁻¹)	3.600	2.427	0.790	0.600
	Le(mm)	11.5	16.2	19.8	25.8
	Ae(mm ²)	3.2	6.7	25.1	43.3
	Ve(mm ³)	37	110	495	1120
	Ac(mm ²)	2.8	5.7	19.8	36.1
	Aw(mm ²)	5.9	15.3	17.1	28.5
	W(g/set)	0.3	1.2	3.3	6.8

Electrical Characteristics ⁽¹⁾⁽²⁾	AL value	PL-7	600	800	2350	3400
		PL-9	750	1000	2940	4250
		PL-11	580	800	2350	3400
		PL-13	800	1070	3140	4530
		PL-15	580	800	2350	3400
		SM-23T	580	770	2250	3300
		SM-43T	1100	1400	4200	6100
	Core loss	PL-7	0.02	0.11	0.30	0.56
		PL-9	0.02	0.10	0.27	0.50
		PL-11	0.02	0.10	0.27	0.50
		PL-13	0.02	0.10	0.26	0.50
		PL-15	0.02	0.09	0.25	0.47

Note : 1) Core loss

- Unit : Watt max.
- Measuring conditions
 PL-7, PL-11, PL-15 : 100 kHz, 200mT, at 100°C
 PL-9, PL-13 : 100 kHz, 200mT, at 80°C

2) AL value

- Unit : nH/N²
- Measuring conditions : 1kHz, 0.1V, 23°C
- Tolerance : ±25%

	PC2213H	PC2417H	PC2616H	PC3019H
	PC - (a)	PC - (a)	PC - (a)	PC - (a)
A	21.60 ±0.30	24.30 ±0.45	25.50 ±0.50	30.00 ±0.50
B	6.70 ±0.10	8.68 ±0.15	8.05 ±0.225	9.40 ±0.10
C	15.00 ref.	17.00 ±0.35	18.00 ±0.35	21.50 ref.
D	18.20 ±0.25	21.00 ±0.30	21.60 ±0.50	25.40 ±0.40
E	9.25 ±0.15	11.00 ±0.15	11.30 ±0.30	13.30 ±0.20
F	4.70 ±0.10	6.10 ±0.15	5.65 ±0.20	6.60 ±0.10
H	4.55 ±0.15	5.40 ±0.15	5.50 ±0.20	5.55 ±0.10

C1(mm ⁻¹)	0.500	0.425	0.400	0.330
Le(mm)	31.5	37.5	37.6	45.0
Ae(mm ²)	63.2	88.4	93.1	136.0
Ve(mm ³)	1990	3320	3500	6120
Ac(mm ²)	41.8	72.0	76.0	115.0
Aw(mm ²)	42.0	55.5	58.0	80.0
W(g/set)	12.6	20.8	21.8	37.3

AL value	PL-7	4000	4500	5350	6400	
	PL-9	5000	5000	6690	8000	
	PL-11	4000	4500	5350	6400	
	PL-13	5330	5330	7140	8530	
	PL-15	4000	4500	5350	6400	
	SM-23T	3800	4300	5100	6100	
	SM-43T	7200	8100	9600	11500	
	Core loss	PL-7	1.00	2.20	1.80	3.06
		PL-9	0.90	2.00	1.62	2.75
		PL-11	0.90	2.00	1.62	2.75
PL-13		0.90	2.00	1.62	2.75	
PL-15		0.85	1.85	1.50	2.60	