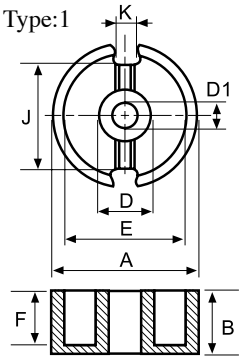
Type : POT Cores

Ordering Code:

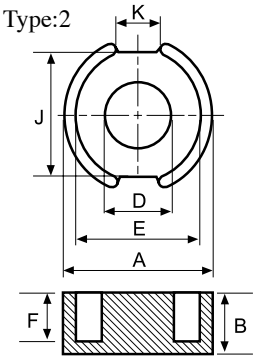
P4	POT14x8	G□
Material	Core Size	Gapped AL Value

Shape:

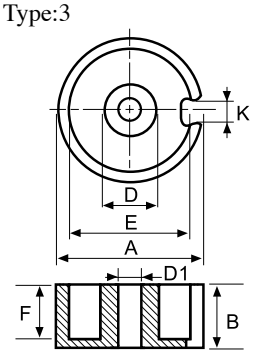
Type:1



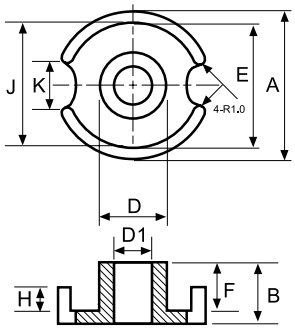
Type:2



Type:3



Type:4



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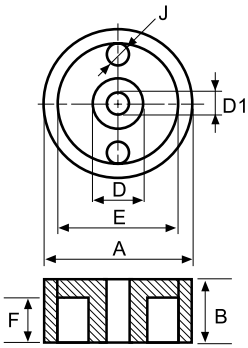
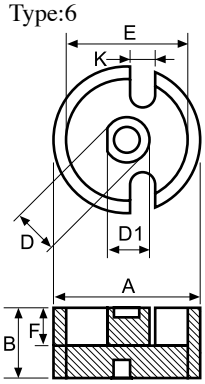
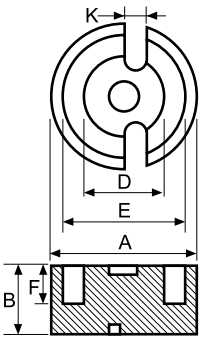


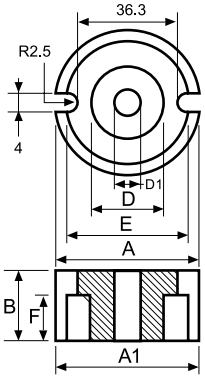
Type:6



Type:7



Type:8



■ DIMENSIONS

CORES	DIMENSIONS (mm)									Type
	A	B	D	E	F	J	K	D1	H	
POT3.35x2.6	$3.30^{+0.15}_{-0.05}$	1.30 ± 0.10	$1.10^{+0.12}_{-0.08}$	$2.60^{+0.15}_{-0.05}$	$0.85^{+0.20}_{-0.00}$	–	–	–	–	2
POT5.5x8	$5.50^{+0.00}_{-0.30}$	$4.00^{+0.00}_{-0.15}$	2.35 ± 0.10	$4.50^{+0.00}_{-0.30}$	3.28 ± 0.10	4.29 ± 0.15	1.50 ± 0.10	–	–	2
POT7.35x7CH	7.35 ± 0.15	3.50 ± 0.10	3.00 ± 0.10	6.00 ± 0.15	2.50 ± 0.10	–	2.10 ± 0.30	1.00 ± 0.10	–	3
POT8.8	9.00 ± 0.20	4.60 ± 0.15	3.00 ± 0.10	7.40 ± 0.20	3.10 ± 0.15	–	1.80 ± 0.25	2.60 ± 0.10	–	6
POT9x5	9.15 ± 0.15	2.65 ± 0.05	3.80 ± 0.10	$7.62^{+0.13}_{-0.12}$	$1.87^{+0.08}_{-0.07}$	5.65 ± 0.15	2.10 ± 0.30	–	–	1
POT9x5CH	9.15 ± 0.15	2.65 ± 0.05	3.80 ± 0.10	$7.62^{+0.13}_{-0.12}$	$1.87^{+0.08}_{-0.07}$	5.65 ± 0.15	2.10 ± 0.30	1.95 ± 0.05	–	1
POT9x5ACH	9.00 ± 0.15	3.50 ± 0.10	3.80 ± 0.10	7.63 ± 0.13	2.50 ± 0.05	5.65 ± 0.15	2.10 ± 0.30	$2.00^{+0.10}_{-0.00}$	–	1
POT11x7	11.10 ± 0.20	$3.30^{+0.08}_{-0.07}$	4.60 ± 0.10	9.20 ± 0.20	$2.30^{+0.08}_{-0.07}$	6.80 ± 0.25	2.20 ± 0.30	–	–	1
POT11x7CH	11.10 ± 0.22	$3.30^{+0.08}_{-0.07}$	4.60 ± 0.10	9.20 ± 0.20	$2.30^{+0.08}_{-0.07}$	6.80 ± 0.25	2.20 ± 0.30	2.10 ± 0.10	–	1
POT13.8	13.80 ± 0.20	5.50 ± 0.15	5.20 ± 0.15	11.50 ± 0.20	3.60 ± 0.15	–	2.70 ± 0.30	4.70 ± 0.15	–	6
POT14x8	14.00 ± 0.25	4.18 ± 0.08	5.99max	11.60min	2.79min	9.50 ± 0.60	3.30 ± 0.60	–	–	1
POT14x8CH	14.00 ± 0.25	4.18 ± 0.08	6.09max	11.60min	2.79min	9.50 ± 0.60	3.30 ± 0.60	3.10 ± 0.07	–	1
POT14Dx8CH	14.00 ± 0.25	4.20 ± 0.15	6.00 ± 0.15	11.85 ± 0.25	2.90 ± 0.20	9.50 ± 0.30	3.20 ± 0.30	3.00 ± 0.15	1.70 ± 0.20	4
POT18x10.5	18.00 ± 0.40	5.25 ± 0.10	7.40 ± 0.15	15.20 ± 0.25	3.80 ± 0.15	11.55 ± 0.30	4.15 ± 0.30	–	–	1
POT18x11CH	17.90 ± 0.30	$5.30^{+0.08}_{-0.07}$	7.40 ± 0.15	15.25 ± 0.25	3.80 ± 0.10	11.55 ± 0.30	3.20 ± 0.30	3.02 ± 0.07	–	1
POT18x11ACH	17.90 ± 0.30	$5.30^{+0.08}_{-0.07}$	7.40 ± 0.15	15.25 ± 0.25	3.80 ± 0.10	11.55 ± 0.30	3.80 ± 0.30	3.02 ± 0.10	–	1
POT18Dx11	18.10 ± 0.40	5.30 ± 0.15	7.40 ± 0.15	15.20 ± 0.30	4.00 ± 0.15	13.80 ± 0.20	5.50 ± 0.40	–	–	2
POT24.3x17.6CH	24.30 ± 0.50	$8.90^{+0.00}_{-0.45}$	10.88 ± 0.30	20.83 ± 0.50	$5.90^{+0.40}_{-0.00}$	16.80 ± 0.35	3.95 ± 0.25	5.51 ± 0.20	–	1
POT24.8	$24.80^{+0.75}_{-0.00}$	10.00 ± 0.15	11.50 ± 0.20	21.00 ± 0.35	5.10 ± 0.15	–	3.00 ± 0.30	–	–	7
POT33.5x21CH	33.50 ± 0.50	10.60 ± 0.20	15.50 ± 0.30	30.60 ± 0.50	7.50 ± 0.30	5.00 ± 0.50	–	5.50 ± 0.20	–	5
POT35.5x22CH	35.50 ± 0.50	10.90 ± 0.20	15.95 ± 0.25	30.30 ± 0.40	7.50 ± 0.20	26.80 ± 0.50	4.00 ± 0.30	5.65 ± 0.15	–	1
POT47x29CH	47.30 ± 0.70	14.80 ± 0.20	19.70 ± 0.30	40.70 ± 0.70	10.33 ± 0.20	–	–	5.55 ± 0.15	–	8
POT69x28CH	69.00 ± 1.20	14.00 ± 0.20	29.00 ± 0.50	$58.40^{+1.00}_{-0.80}$	9.30 ± 0.30	48.20 ± 0.80	10.50 ± 0.50	8.50 ± 0.50	–	1

* POT Core = 1 PC POT Core + 1 PC POT Core.

EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
POT3.35x2.6	3.68	4.80	1.30	6.25	0.07
POT5.5x8	3.17	16.48	5.19	85.49	0.48
POT7.35x7CH	1.73	14.16	8.17	115.64	0.87
POT8.8	1.86	17.80	9.58	170.60	1.44
POT9x5	1.06	13.52	12.76	172.52	0.94
POT9x5CH	1.25	12.20	9.80	119.56	0.86
POT9x5ACH	1.39	14.96	10.77	161.00	1.30
POT11x7	0.86	16.30	19.00	309.00	2.12
POT11x7CH	0.96	15.50	16.20	251.00	2.00
POT13.8	1.08	34.00	31.30	1065.00	4.30
POT14x8	0.70	21.00	29.90	628.00	3.60
POT14x8CH	0.79	19.80	25.00	495.00	3.14
POT14Dx8CH	0.56	21.13	37.84	799.67	3.00
POT18x10.5	0.57	26.32	46.25	1217.30	7.20
POT18x11CH	0.60	25.80	43.30	1120.00	6.66
POT18x11ACH	0.78	27.20	43.10	1172.32	6.60
POT18Dx11	0.63	28.81	46.00	1325.17	7.00
POT24.3x17.6CH	0.51	52.73	103.34	5448.97	19.90
POT24.8	0.52	72.35	139.70	10107.40	32.22
POT33.5x21CH	0.39	73.61	188.64	13885.44	46.40
POT35.5x22CH	0.30	70.47	237.15	16712.00	83.90
POT47x29CH	0.26	110.30	417.90	46112.50	148.52
POT69x28CH	0.13	78.49	624.89	49045.32	317.05

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N^2)									AL + 40% - 30% (nH/N^2)	
	P4	P45	P451	P47	P5	P61	N4	N42	A05	A10(L)	A121(L)
POT3.35x2.6								110 (N43)			
POT5.5x8	560										
POT7.35x7CH	860										
POT8.8								400 (N43)			
POT9x5	1300			1400			1300	1600		5800 ± 30%	
POT9x5CH	1200			1300	1100		1200	1350			
POT9x5ACH	1100						1100				
POT11x7	2000			1950	1800		2000	2310	2890		10000
POT11x7CH	1800			2000	1600		1800		2500		6220min
POT13.8								700 (N43)			
POT14x8	2400			2700	2000		2400	2620	3500		
POT14x8CH	2000			2100	1700		2000	2300	3500+30%-25%	9800	
POT14Dx8CH								520 (N43)			
POT18x10.5								3500			
POT18x11CH	2850			3600	2430		2850	4155	4600+30%-25%	12600	
POT18x11ACH	2850	3300		3230	2430						
POT18Dx11	3100										
POT24.3x17.6CH							5200				
POT24.8								1800 (N43)			
POT33.5x21CH	6800										
POT35.5x22CH	7500										
POT47x29CH							6000				
POT69x28CH	15000										

Remark:
1. AL Value Testing Condition : 10kHz, 50mV, 100Ts.
2. Gapped core is available, please specify upon request & ordering.
   gapping on both pcs to make a set is needed, please specify upon request & ordering.
3. L : Mirror Finished Lapping. Please specify upon request & ordering by adding "L" at the end of Core Size if you need.