

Type : POT Cores (1)

Ordering Code:

P4

POT14x8

G□

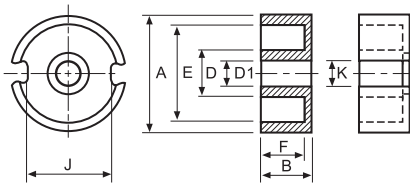
Material
材質

Core Size
品名

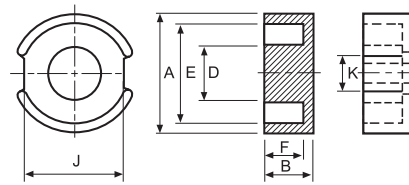
Gapped AL Value

Shape:

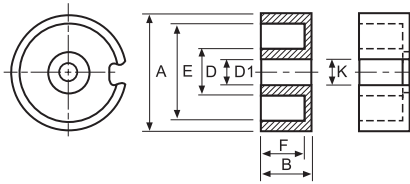
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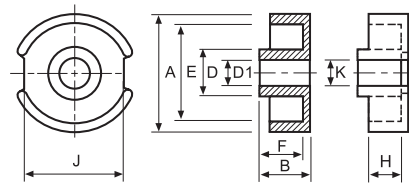
Type:2



Type:3



Type:4



■ DIMENSIONS

CORES	DIMENSIONS (mm)									Type
	A	B	D	E	F	J	K	D1	H	
POT3.35x2.6	3.30 $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	1.30 ± 0.10	1.10 $\begin{smallmatrix} +0.12 \\ -0.08 \end{smallmatrix}$	2.60 $\begin{smallmatrix} +0.15 \\ -0.05 \end{smallmatrix}$	0.85 $\begin{smallmatrix} +0.20 \\ -0.00 \end{smallmatrix}$	—	—	—	—	2
POT5.5x8	5.50 $\begin{smallmatrix} +0.00 \\ -0.30 \end{smallmatrix}$	4.00 $\begin{smallmatrix} +0.00 \\ -0.15 \end{smallmatrix}$	2.35 ± 0.10	4.50 $\begin{smallmatrix} +0.00 \\ -0.30 \end{smallmatrix}$	3.28 ± 0.10	4.29 ± 0.15	1.50 ± 0.10	—	—	2
POT5.8x3.4CH	5.80 $\begin{smallmatrix} +0.00 \\ -0.25 \end{smallmatrix}$	1.70 $\begin{smallmatrix} +0.00 \\ -0.15 \end{smallmatrix}$	2.50 $\begin{smallmatrix} +0.00 \\ -0.15 \end{smallmatrix}$	4.50 $\begin{smallmatrix} +0.20 \\ -0.00 \end{smallmatrix}$	1.10 $\begin{smallmatrix} +0.10 \\ -0.00 \end{smallmatrix}$	3.50 ± 0.15	1.50 ± 0.10	0.95 $\begin{smallmatrix} +0.10 \\ -0.00 \end{smallmatrix}$	—	1
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
POT7.35A/3.6CH	7.35 $\begin{smallmatrix} +0.00 \\ -0.40 \end{smallmatrix}$	3.60 ± 0.15	3.00 $\begin{smallmatrix} +0.00 \\ -0.20 \end{smallmatrix}$	5.80 $\begin{smallmatrix} +0.00 \\ -0.30 \end{smallmatrix}$	2.80 $\begin{smallmatrix} +0.30 \\ -0.00 \end{smallmatrix}$	4.35 ± 0.20	1.30 $\begin{smallmatrix} +0.40 \\ -0.00 \end{smallmatrix}$	1.05 $\begin{smallmatrix} +0.20 \\ -0.00 \end{smallmatrix}$	—	4
POT7.6B/6.9CH	7.60 ± 0.15	3.45 ± 0.25	2.55 ± 0.15	6.20 ± 0.15	2.35 ± 0.25	5.35 ± 0.40	1.20 ± 0.30	1.12 ± 0.10	—	1
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
POT8.85x7CH	9.00 $\begin{smallmatrix} +0.00 \\ -0.30 \end{smallmatrix}$	3.50 ± 0.10	3.80 ± 0.10	7.45 $\begin{smallmatrix} +0.15 \\ -0.10 \end{smallmatrix}$	2.50 ± 0.10	5.65 ± 0.15	2.10 ± 0.30	2.00 $\begin{smallmatrix} +0.10 \\ -0.00 \end{smallmatrix}$	—	1
POT9x5	9.15 ± 0.15	2.65 ± 0.05	3.80 ± 0.10	7.62 $\begin{smallmatrix} +0.13 \\ -0.12 \end{smallmatrix}$	1.87 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	5.65 ± 0.15	2.10 ± 0.30	—	—	2
POT9x5CH	9.15 ± 0.15	2.65 ± 0.05	3.80 ± 0.10	7.62 $\begin{smallmatrix} +0.13 \\ -0.12 \end{smallmatrix}$	1.87 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	5.65 ± 0.15	2.10 ± 0.30	1.95 ± 0.05	—	4
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 $\begin{smallmatrix} +0.10 \\ -0.00 \end{smallmatrix}$	—	4
POT11x7	11.10 ± 0.20	3.30 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	4.60 ± 0.10	9.20 ± 0.20	2.30 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	6.80 ± 0.25	2.20 ± 0.30	—	—	2
POT11x7CH	11.10 ± 0.22	3.30 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	4.60 ± 0.10	9.20 ± 0.20	2.30 $\begin{smallmatrix} +0.08 \\ -0.07 \end{smallmatrix}$	6.80 ± 0.25	2.20 ± 0.30	2.10 ± 0.10	—	4
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

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

■ EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	C _i (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
POT5.8x3.4CH	1.68	7.90	4.70	37.00	0.24
POT7.35x7CH	1.73	14.16	8.17	115.64	0.87
POT7.35A/3.6CH	1.98	13.27	6.71	89.04	0.76
POT7.6B/6.9CH	2.08	11.87	5.71	67.89	0.92
POT8.8	1.86	17.80	9.58	170.60	1.44
POT8.85x7CH	1.35	14.63	10.85	158.62	1.05
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

■ ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)											AL + 40% - 30% (nH/N ²)	
	P4	P45	P451	P452	P47	P53	P61	N4	N42	N43	A05	A10(L)	A121(L)
POT3.35x2.6										110			
POT5.5x8	560												
POT5.8x3.4CH						560				350+30%-20%			
POT7.35x7CH	860												
POT7.35A/3.6CH													
POT7.6B/6.9CH	600												
POT8.8										400			
POT8.85x7CH									960				
POT9x5	1300				1400			1300	1600			5800 ± 30%	
POT9x5CH	1200				1300			1200	1350				
POT9x5ACH	1100							1100					
POT11x7	2000				1950			2000	2310		2890		10000
POT11x7CH	1800				2000			1800			2500		6220min
POT13.8										700			
POT14x8	2400				2700			2400	2620		3500		
POT14x8CH	2000				2100			2000	2300		3500+30%-25%	9800	8500min
POT14Dx8CH										520			

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 10Ts. If testing condition is different from ACME's, please specify upon request & ordering.
2. Gapped core is available, please specify upon request & ordering. ACME's standard gapped core set is a combination of one gapped core and one ungapped core. If 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.
4. Customized dimensions are available.

Type : POT Cores (2)

Ordering Code:

P4

POT18x10.5

G□

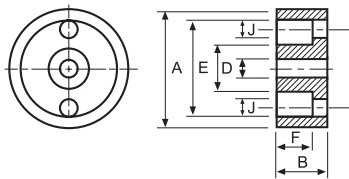
Material
材質

Core Size
品名

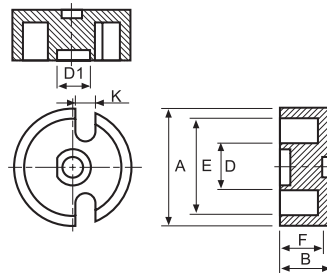
Gapped AL Value

Shape:

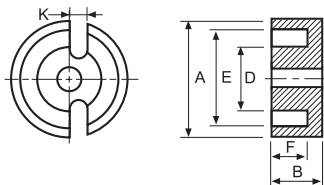
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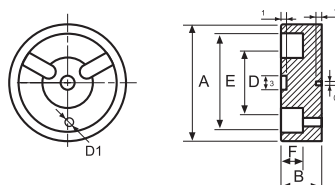
Type:6



Type:7



Type:8



■ DIMENSIONS

CORES	DIMENSIONS (mm)									Type
	A	B	D	E	F	J	K	D1	H	
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	24.00 ± 0.40	10.10 ^{+0.20} / _{-0.00}	10.40 ^{+0.00} / _{-0.30}	20.40 ± 0.35	5.20 ^{+0.30} / _{-0.00}	—	3.00 ^{+0.50} / _{-0.00}	—	—	8
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
POT26x16CH	26.00 ^{+0.00} / _{-1.00}	8.15 ^{+0.00} / _{-0.20}	11.50 ^{+0.00} / _{-0.40}	21.20 ^{+0.80} / _{-0.00}	5.50 ^{+0.20} / _{-0.00}	17.70 ^{+0.00} / _{-0.70}	3.90 ^{+0.60} / _{-0.00}	5.40 ^{+0.20} / _{-0.00}	0.60 ^{+0.20} / _{-0.00}	1
POT30CH	30.00 ± 1.20	9.50 ± 0.30	12.30 ± 0.50	25.40 ± 0.80	6.60 ± 0.30	20.25 ± 0.50	3.80 ± 0.50	5.50 ± 0.30	—	1
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
POT48CH	47.80 ± 0.90	15.60 ± 0.30	19.90 ± 0.50	40.40 ± 0.90	10.70 ± 0.40	33.80 ± 0.50	4.30 ± 0.50	7.60 ± 0.30	—	1
POT68ACH	68.00 ^{+0.50} / _{-2.50}	14.50 ^{+0.00} / _{-0.60}	29.50 ^{+0.50} / _{-1.00}	58.00 ± 0.80	9.00 ^{+0.60} / _{-0.00}	8.10 ± 0.50	—	9.00 ± 0.50	—	5
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 _i (mm ⁻¹)	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
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	0.34	36.91	109.50	4042.07	28.04
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
POT26x16CH	0.40	37.20	93.00	3460.00	21.58
POT30CH	0.46	57.63	125.68	7443.48	29.16
POT33.5x21CH	0.39	73.61	188.64	13885.44	46.40
POT35.5x22CH	0.30	70.47	237.15	16712.00	83.90
POT48CH	0.29	123.65	423.00	53167.16	154.48
POT68ACH	0.16	159.93	987.56	157940.41	290.40
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	P452	P47	P53	P61	N4	N42	N43	A05	A10(L)	A121(L)
POT18x10.5									3500				
POT18x11CH	2850				3600			2850	4155	4600+30%-25%	12600		
POT18x11ACH	2850	3300			3230								
POT18Dx11	3100												
POT24										2400			
POT24.3x17.6CH	4200				4900								
POT24.8										1800			
POT26x16CH								4700+30%-20%					
POT30CH	4500												
POT33.5x21CH	6800												
POT35.5x22CH	7500												
POT48CH	10000												
POT68ACH	10500												
POT69x28CH	15000												

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