

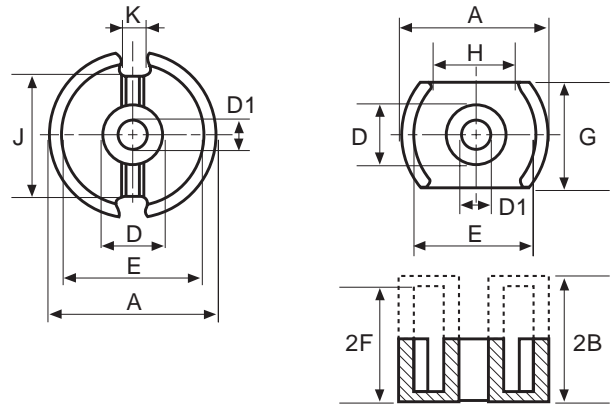
Type : POT/CUT Cores

Ordering Code:

Shape:

P4
POT14x8CH
G
 Material Core Size Gapped AL Value
 材質 品名

*CH:With Center Hole



DIMENSIONS

CORES	DIMENSIONS (mm)									
	A	B	D	E	F	J	K	D1	G	H
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	-	-	-
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	-	-
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	-	-	-
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	-	-
POT14x8	14.00 ± 0.25	4.18 ± 0.08	5.99max	11.60min	2.79min	9.50 ± 0.60	3.30 ± 0.60	-	-	-
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	-	-
CUT14x8	14.00 ± 0.25	4.18 ± 0.06	6.09max	11.60min	2.79min	9.50 ± 0.60	3.30 ± 0.60	-	9.55 ± 0.15	7.60min
CUT14x8CH	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	9.55 ± 0.15	7.60min
DCUT14x8	14.00 ± 0.25	4.18 ± 0.06	6.09max	11.60min	2.79min	-	-	-	9.55 ± 0.15	7.60min
DCUT14x8CH	14.00 ± 0.25	4.18 ± 0.08	6.09max	11.60min	2.79min	-	-	3.10 ± 0.07	9.55 ± 0.15	7.60min
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	-	-
CUT18x11CH	17.90 ± 0.30	5.30 ± 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	11.90 ± 0.20	10.50min
POT23x11CH	22.86 ± 0.45	5.53 ± 0.25	9.90max	17.93min	3.63min	-	-	5.08 ± 0.10	-	-
CUT23x11CH	22.86 ± 0.45	5.53 ± 0.25	9.90max	17.93min	3.63min	-	-	5.08 ± 0.10	15.24 ± 0.25	13.21min
DCUT30	30.20 ± 0.50	9.50 ± 0.10	12.50 ± 0.20	24.70 ± 0.40	6.60 ± 0.10	-	-	-	20.50 ± 0.25	16.80 ± 0.25

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

* DCUT Core = 2 PCS CUT Cores.



EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_i(\text{mm}^{-1})$	Le(mm)	Ae(mm ²)	Ve(mm ³)	Wt(g/set)
POT9x5	1.06	13.52	12.76	172.52	0.94
POT9x5CH	1.25	12.20	9.80	119.56	0.86
POT11x7	0.86	16.30	19.00	309.00	2.12
POT11x7CH	0.96	15.50	16.20	251.00	2.00
POT14x8	0.79	19.80	25.00	395.00	3.60
POT14x8CH	0.79	19.80	25.00	495.00	3.14
CUT14x8	1.13	23.80	21.10	502.20	2.91
CUT14x8CH	0.91	21.10	23.30	492.00	2.66
DCUT14x8	0.70	21.00	29.90	627.90	2.91
DCUT14x8CH	1.02	22.50	22.00	495.00	2.66
POT18x11CH	0.60	25.80	43.30	1120.00	6.66
CUT18x11CH	0.67	27.20	40.60	1110.00	5.40
POT23x11CH	0.55	31.60	57.20	1807.52	14.17
CUT23x11CH	0.47	28.60	61.00	1744.60	11.94
DCUT30	0.45	50.20	111.00	5572.20	30.96

ELECTRICAL CHARACTERISTICS

CORES	AL ± 25% (nH/N ²)					AL + 40% - 30% (nH/N ²)	
	P4	P5	N4	N42	A05	A10(L)	A121(L)
POT9x5	1300		1300	1600		5800 ± 30%	
POT9x5CH	1200	1100	1200	1350			
POT11x7	2000	1800	2000	2310	2890		
POT11x7CH	1800	1600	1800				
POT14x8	2400	2000	2400	2620	3500		
POT14x8CH	2000	1700	2000		3500+30%-25%	9800	
POT14x8CHG160	160 ± 3%						
POT14x8CHG200	200 ± 5%						
POT14x8CHG250	250 ± 5%						
POT14x8CHG315	315 ± 5%						
POT14x8CHG400	400 ± 8%						
CUT14x8	2180	1880	2180			5490 ± 30%	6220 ± 30%
CUT14x8CH	1650		1650		2500+30%-25%	8000	
DCUT14x8		1500					
DCUT14x8CH		1440					
POT18x11CH	2850		2850	4155	4600+30%-25%	12600	
POT18x11CHG160	160 ± 2%						
POT18x11CHG250	250 ± 3%						
POT18x11CHG315	315 ± 3%						
POT18x11CHG400	400 ± 3%						
POT18x11CHG500	500 ± 5%						
POT18x11CHG630	630 ± 10%						
CUT18x11CH	2500		2500		4800+30%-25%	10000	
POT23x11CH	4080						
CUT23x11CH	4600						
DCUT30	5500	4500	5500				

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 100Ts. 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.