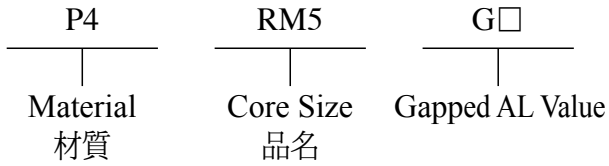


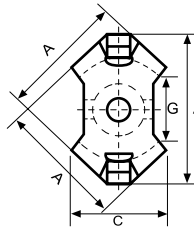
## Type : RM/LM Cores

Ordering Code:

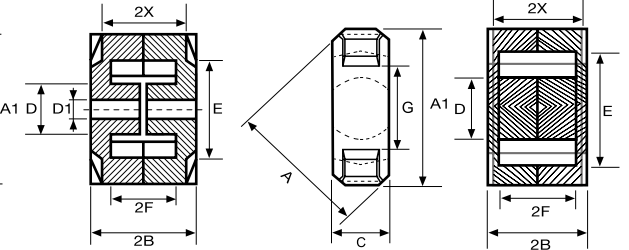


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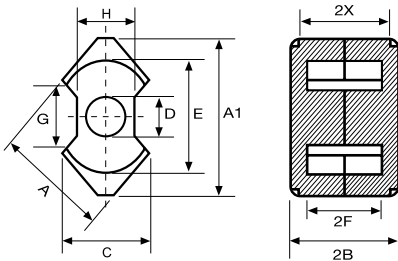
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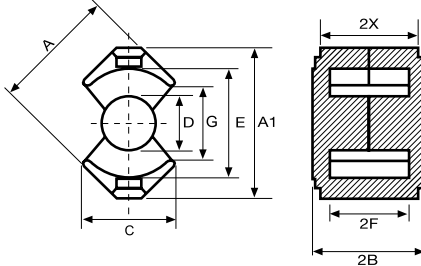
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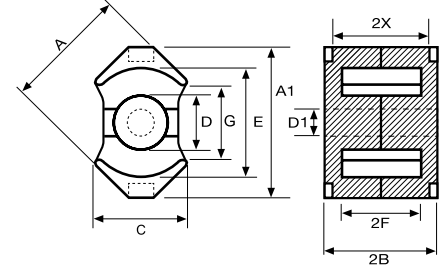
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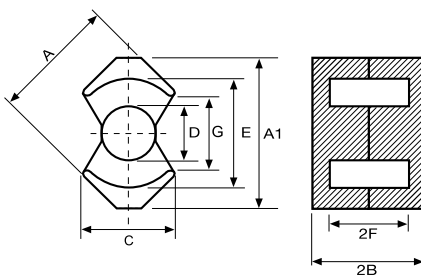
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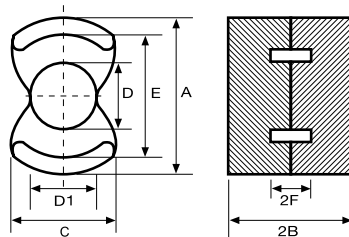
Type:5



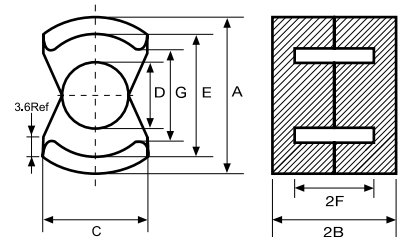
Type:6



Type:7



Type:8



### ■ DIMENSIONS

CORES	DIMENSIONS (mm)											Type
	A	A <sub>1</sub>	B	C	D <sup>(ø)</sup>	D <sub>1</sub> <sup>(ø)</sup>	E	F	G	H	2X	
RM4	9.60 ± 0.20	10.80 ± 0.20	5.20 ± 0.05	6.40 ± 0.20	3.80 ± 0.10	—	8.15 ± 0.15	3.60 ± 0.10	5.80min	—	9.00 ± 0.25	3
RM5	12.05 ± 0.25	14.30 ± 0.30	5.20 ± 0.10	9.55 ± 0.25	4.80 ± 0.10	—	10.40 ± 0.20	3.35 ± 0.20	6.00min	—	9.10 ± 0.25	5
RM5CH	12.05 ± 0.25	14.30 ± 0.30	5.20 ± 0.05	9.55 ± 0.25	4.80 ± 0.10	2.05ref	10.40 ± 0.20	3.25 ± 0.10	6.00min	—	9.40 ± 0.20	5
RM6	14.40 ± 0.30	17.60 ± 0.30	6.20 ± 0.10	10.47 ± 0.25	6.30 ± 0.10	—	12.64 ± 0.25	4.20 ± 0.20	8.50min	—	10.40 ± 0.25	5
RM6CH	14.40 ± 0.30	17.60 ± 0.30	6.20 ± 0.10	10.47 ± 0.25	6.30 ± 0.10	3.00 ± 0.10	12.64 ± 0.25	4.20 ± 0.20	8.50min	—	10.40 ± 0.25	5
RM6C	17.60 ± 0.30	14.40 ± 0.30	4.50 ± 0.10	5.15 ± 0.15	6.30 ± 0.10	—	12.64 ± 0.25	2.35 ± 0.10	11.50min	—	3.48 ± 0.15	2
RM6F	14.40 ± 0.30	16.80 ± 0.30	5.50 ± 0.10	8.00 ± 0.30	6.30 ± 0.15	—	12.65 ± 0.25	3.40 ± 0.15	9.10min	—	—	3
RM6H	14.40 ± 0.30	17.60 ± 0.30	4.15 ± 0.10	8.00 ± 0.30	6.30 ± 0.10	—	12.65 ± 0.25	2.10 ± 0.10	9.15 ± 0.30	—	—	4
RM7A	16.85 ± 0.35	19.90 ± 0.40	6.70 ± 0.10	11.43 ± 0.30	7.10 ± 0.15	—	15.10 ± 0.35	4.32 ± 0.15	11.00min	—	12.50 ± 0.30	4
RM7E	16.85 ± 0.30	19.90 ± 0.40	6.80 ± 0.20	11.05 ± 0.20	7.10 ± 0.15	—	15.10 ± 0.35	4.42 ± <sup>0.30</sup> <sub>-0.20</sub>	11.00min	—	—	4
RM7F/13.6	16.85 ± 0.30	19.90 ± 0.40	6.80 ± 0.10	11.05 ± 0.25	7.10 ± 0.15	—	15.10 ± 0.35	4.45 ± 0.20	11.80min	—	—	6
RM8	19.35 ± 0.35	22.76 ± 0.45	8.20 ± 0.15	15.45 ± 0.30	8.40 ± 0.15	—	17.30 ± 0.30	5.60 ± 0.20	9.80min	—	14.40 ± 0.25	5
RM8CH	19.35 ± 0.35	22.76 ± 0.45	8.20 ± 0.15	15.45 ± 0.30	8.40 ± 0.15	4.50 ± 0.15	17.30 ± 0.30	5.60 ± 0.20	9.80min	—	14.40 ± 0.25	1
RM10	24.15 ± 0.55	27.80 ± 0.65	9.30 ± 0.15	19.85 ± 0.30	10.65 ± 0.20	—	21.65 ± 0.45	6.40 ± 0.20	12.40min	—	16.30 ± 0.25	5
RM10B	24.20 ± 0.55	28.20 ± 0.65	9.30 ± 0.15	18.05 ± 0.30	10.65 ± 0.20	—	22.00 ± 0.45	6.50 ± 0.20	14.20min	13.25 ± 0.25	—	3
RM12	29.20 ± 0.60	36.85 ± 0.75	12.25 ± 0.10	—	12.60 ± 0.20	—	25.45 ± 0.55	8.55 ± 0.15	13.40min	15.85 ± 0.25	22.10 ± 0.25	5
LM8A	23.00 ± 0.45	—	8.00 ± 0.15	17.71ref	9.00 ± <sup>0.10</sup> <sub>-0.20</sub>	12.80 ± <sup>0.10</sup> <sub>-0.20</sub>	18.10 ± 0.40	5.30 ± 0.20	—	—	—	7
LM8D	21.00 ± 0.50	—	6.35 ± 0.15	12.50 ± 0.30	8.25 ± 0.20	—	17.20 ± 0.40	3.65 ± 0.15	13.80 ± 0.30	—	—	8
LM61	61.00 ± 1.20	—	23.25 ± 0.25	39.00 ± 0.80	22.60 ± 0.40	—	50.00 ± 1.00	17.25 ± 0.25	—	—	—	7

\* RM 5,6,8 CAN ALSO BE MANUFACTURED WITH CENTER HOLES. (CH)



■ EFFECTIVE PARAMETERS (PER SET)

CORES	EFFECTIVE PARAMETERS					
	C <sub>i</sub> (mm <sup>-1</sup> )	Le(mm)	Ae(mm <sup>2</sup> )	Amin(mm <sup>2</sup> )	Ve(mm <sup>3</sup> )	Wt(g/set)
RM4	1.70	22.00	13.00	11.30	286.00	1.68
RM5	0.93	22.10	23.80	18.10	526.00	3.28
RM5CH (With Center Hole)	1.01	21.40	21.20	–	453.68	1.53
RM6	0.78	28.60	36.60	31.00	1050.00	5.44
RM6CH (With Center Hole)	0.86	26.90	31.30	–	840.00	4.96
RM6C	0.49	20.89	42.59	–	889.99	5.06
RM6F	0.85	26.66	31.20	31.17	881.36	4.72
RM6H	0.57	20.70	36.60	31.17	757.62	3.80
RM7A	0.60	30.27	50.74	–	1535.91	7.05
RM7E	0.90	35.60	39.60	39.59	1409.76	7.12
RM7F/13.6	0.90	35.60	39.60	–	1409.76	7.24
RM8	0.59	38.89	62.14	55.00	2416.62	12.40
RM8CH (With Center Hole)	0.67	35.10	52.00	–	1840.00	11.02
RM10	0.46	44.60	96.60	89.10	4310.00	21.88
RM10B	2.20	44.28	97.27	–	4307.12	20.94
RM12	0.42	60.60	144.00	124.70	8752.00	45.78
LM8A	0.45	40.50	90.77	–	3645.00	17.60
LM8D	0.59	29.58	50.16	–	1483.63	9.60
LM61	0.34	110.80	328.14	–	36357.91	253.40

■ ELECTRICAL CHARACTERISTICS

CORES	AL + 30% - 20% (nH/N <sup>2</sup> )											AL + 40% - 30% (nH/N <sup>2</sup> )	
	P4	P45	P451	P47	P48	P5	P51	P61	N4	A05	A05(L)	A10(L)	A121(L)
RM4	1100	1250 ± 25%		1230 ± 25%		1000 ± 25%			1000	1700	2870	5050	5700
RM5	2000	2220 ± 25%		2200 ± 25%		1860 ± 25%	1290 ± 25%		1850	3500	5700	6700	7500min
RM5CH						1650							
RM6	2400	2900 ± 25%		2850 ± 25%	2400	2300 ± 25%	1650 ± 25%		2380	4300	7300 ± 25%	8600	7490min
RM6CH	2170	2500		2400	2170					3900	6620 ± 25%	7800	
RM6C	2440 ± 25%												
RM6F				2400									
RM6H				2700 ± 25%									
RM7A					2600 ± 25%								
RM7E	2300 ± 25%	2700 ± 25%		2600 ± 25%									
RM7F/13.6		3000											
RM8	3300			3800 ± 25%	3300	2770	2200		2800	5700	9700 ± 25%	12500	
RM8CH	2900								2900	5020	8540 ± 25%	11010	
RM10	4200	5100 ± 25%		5040 ± 25%		3650 ± 25%	3100 ± 25%			7600	12750 ± 25%	16000	
RM10B	4200			4950 ± 25%	4200							16000	
RM12	5550 ± 25%			6100 ± 25%		4400 ± 25%							
LM8A	4500												
LM8D					2850								
LM61		9500											

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.