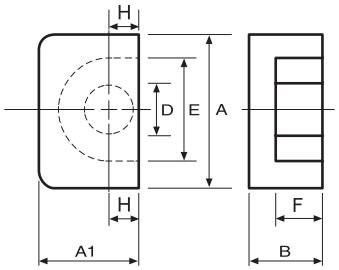
Type : EP Cores

Ordering Code: P4 — EP7 — G□

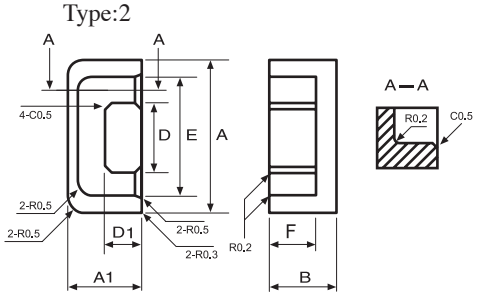
P4	EP7	G□
Material 材質	Core Size 品名	Gapped AL Value

Shape:

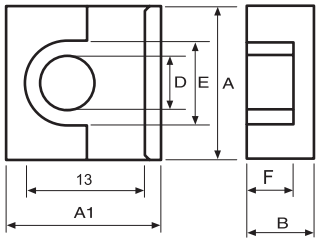
Type:1



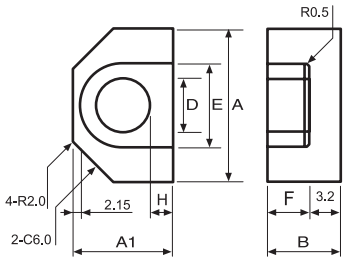
Type:2



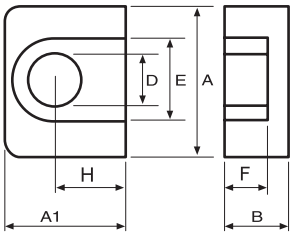
Type:3



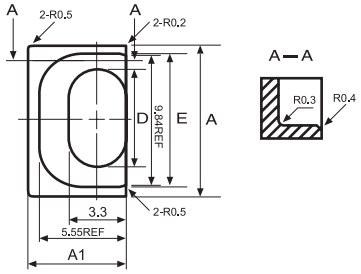
Type:4



Type:5



Type:6



■ DIMENSIONS

CORES	DIMENSIONS (mm)							Type
	A	A1	B	D	E	F	H	
EP5	6.00 ± 0.15	3.80 ± 0.10	2.80 ± 0.05	1.70 ± 0.10	4.40 ± 0.15	2.00 ± 0.10	–	1
EP5-1	6.00 ± 0.15	3.80 ± 0.10	3.40 ± 0.05	1.70 ± 0.10	4.40 ± 0.15	2.60 ± 0.10	–	1
EP5.4	5.40 ± 0.10	3.40 ± 0.08	2.80 ± 0.10	1.55 ± 0.06	4.00 ± 0.15	2.00 ± 0.10	1.57 (ref)	1
EP7	9.20 ± 0.20	6.35 ± 0.15	$3.75^{+0.00}_{-0.10}$	3.30 ± 0.10	7.40 ± 0.20	2.60 ± 0.10	–	1
EP7-1	9.20 ± 0.20	6.35 ± 0.15	4.75 ± 0.05	3.30 ± 0.10	7.40 ± 0.20	3.60 ± 0.10	1.70 (ref)	1
EP7A	9.20 ± 0.20	6.35 ± 0.15	$3.75^{+0.00}_{-0.10}$	3.30 ± 0.10	7.40 ± 0.20	2.60 ± 0.10	1.70 ± 0.10	1
EP7C	9.40 ± 0.20	6.50 ± 0.15	3.70 ± 0.10	3.30 ± 0.10	7.40min	2.60 ± 0.10	–	1
EP10	11.50 ± 0.30	7.65 ± 0.20	$5.20^{+0.00}_{-0.10}$	3.30 ± 0.15	9.40 ± 0.20	3.70 ± 0.10	–	1
EP11.8	11.80 ± 0.30	7.70 ± 0.20	5.10 ± 0.20	3.30 ± 0.20	9.70 ± 0.20	3.80 ± 0.20	–	1
EP13	12.50 ± 0.30	8.80 ± 0.20	$6.50^{+0.00}_{-0.15}$	4.35 ± 0.15	10.10 ± 0.20	4.60 ± 0.10	–	1
EP13.3	13.30 ± 0.20	5.50 ± 0.15	6.50 ± 0.10	5.60 ± 0.10	10.80 ± 0.20	4.55 ± 0.10	–	2
EP14.4/14.5	14.40 ± 0.25	9.70 ± 0.25	7.25 ± 0.15	4.35 ± 0.15	12.00 ± 0.20	5.35 ± 0.10	2.50 (ref)	1
EP15.2A	11.30 ± 0.20	6.25 ± 0.15	7.60 ± 0.10	5.65 ± 0.15	9.80min	6.55 ± 0.15	–	6
EP16	16.00 ± 0.25	16.00 ± 0.25	4.40 ± 0.10	7.89 ± 0.20	13.00 ± 0.25	2.40 ± 0.20	–	3
EP17	18.00 ± 0.40	11.00 ± 0.20	8.40 ± 0.20	5.68 ± 0.18	12.00 ± 0.40	5.65 ± 0.15	–	1
EP25.6	25.60 ± 0.50	21.40 ± 0.40	17.45 ± 0.20	9.70 ± 0.20	19.00 ± 0.30	14.25 ± 0.20	9.75 ± 0.20	4
EP31	31.00 ± 0.50	30.00 ± 0.45	9.50 ± 0.15	14.60 ± 0.30	25.80 ± 0.50	5.50 ± 0.15	15.00 (ref)	5

EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_1(mm^{-1})$	Le(mm)	$Ae(mm^2)$	$Ve(mm^3)$	Wt(g/set)
EP5	3.20	9.70	3.00	28.70	0.46
EP5-1	3.60	10.80	3.00	32.40	0.46
EP5.4	3.71	9.28	2.50	23.20	0.40
EP7	1.52	15.70	10.30	162.00	1.42
EP7-1	1.68	17.96	10.66	191.45	1.42
EP7A	1.52	15.70	10.30	161.71	1.38
EP7C	1.44	15.37	10.67	164.00	1.44
EP10	1.70	19.20	11.30	217.00	2.92
EP11.8	1.77	19.63	11.10	217.90	3.10
EP13	1.24	24.20	19.50	472.00	4.86
EP13.3	1.40	24.42	17.35	423.68	3.14
EP14.4/14.5	1.44	27.56	19.14	527.50	6.10
EP15.2A	2.80	34.18	12.18	416.32	3.36
EP16	0.37	19.75	54.09	1068.05	9.54
EP17	0.84	28.70	34.00	970.00	11.60
EP25.6	0.67	59.98	89.43	5364.52	51.80
EP31	0.22	42.08	190.89	8032.65	54.90

ELECTRICAL CHARACTERISTICS

CORES	AL + 30% - 20% (nH/N²)						AL + 40% - 30% (nH/N²)				
	P4	P47	P5	N42	A05	A05(L)	A101	A101(L)	A121	A121(L)	A151(L)
EP5	400 ± 25%	450 ± 25%	380 ± 25%	500 ± 25%	530 ± 25%		600	1900	650	2050	1582min
EP5-1	380 ± 25%	390 ± 25%		450 ± 25%				1850			
EP5.4		330									
EP7	1100	1200	1000	1350 ± 25%	1600 ± 25%	3500	2050	5200	2100	3900min	4430min
EP7-1	1000 ± 25%	1100 ± 25%	900 ± 25%	1380	1450 ± 25%		1980				
EP7A								3900min			
EP7C	1100										
EP10	1000	1110 ± 25%	950	1270 ± 25%	1600 ± 25%	3400	2050 ± 30%	4800	2150	3950min	4400min
EP11.8											4200min
EP13	1600	1780 ± 25%	1430		2800	4400	3300	7000	3500	5800min	7000min
EP13.3											5850min
EP14.4/14.5		1750 (P45)									
EP15.2A											
EP16	4500										
EP17	2500	2650 ± 25%	2300± 25%	3060 ± 25%	3970 ± 25%			11000		12600	14000
EP25.6	3500										
EP31	9300 ± 25%	10500 ± 25%		12800 ± 25%							

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.