

## Type : UI Cores

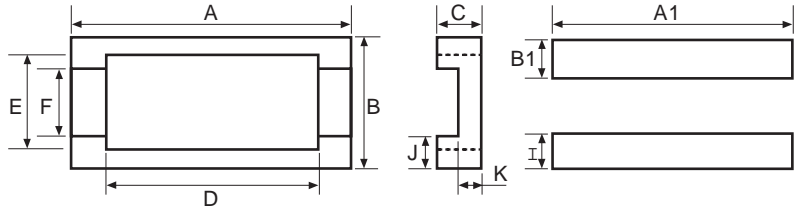
Ordering Code:

P4  
Material  
材質

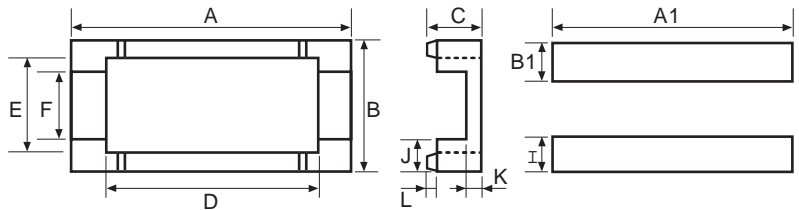
UI10  
Core Size  
品名

Shape:

Type:1



Type:2



### DIMENSIONS

CORES	DIMENSIONS (mm)												Type
	A	B	C	D	E	F	J	K	L	A1	B1	I	
UI7.7	19.60 ± 0.25	7.70 ± 0.20	2.20 ± 0.05	17.00 ± 0.20	5.90 ± 0.20	3.30 ± 0.10	-	1.15 ± 0.05	-	19.90 ± 0.30	2.90 ± 0.15	1.30 ± 0.05	1
UI8.3	27.40 <sup>+0.55</sup> <sub>-0.30</sub>	8.30 <sup>+0.20</sup> <sub>-0.15</sub>	3.00 ± 0.05	22.40 <sup>+0.50</sup> <sub>-0.30</sub>	6.50 <sup>+0.15</sup> <sub>-0.20</sub>	5.35 ± 0.10	-	1.00 ± 0.05	-	28.30 ± 0.50	3.85 ± 0.10	1.35 ± 0.03	1
UI8.5	25.00 ± 0.30	8.50 ± 0.25	3.35 ± 0.15	20.10 ± 0.30	6.10 ± 0.15	4.70 ± 0.15	-	1.30 ± 0.15	-	26.00 ± 0.30	3.40 ± 0.15	1.90 ± 0.15	1
UI9.0	23.60 <sup>+0.15</sup> <sub>-0.20</sub>	8.80 ± 0.20	4.40 ± 0.10	19.40 ± 0.20	6.80 ± 0.20	5.40 <sup>+0.10</sup> <sub>-0.15</sub>	1.70 ± 0.15	1.30 ± 0.10	-	23.80 ± 0.20	3.70 ± 0.10	2.60 ± 0.05	1
UI9.8/2.2	10.70 ± 0.15	9.80 <sup>+0.15</sup> <sub>-0.10</sub>	2.10 ± 0.10	8.50 ± 0.15	7.50 <sup>+0.15</sup> <sub>-0.10</sub>	6.50 ± 0.20	1.65 ± 0.12	-	0.07 ± 0.03	11.00 ± 0.20	5.00 ± 0.10	1.09 ± 0.05	2
UI9.8A	23.75 <sup>+0.25</sup> <sub>-0.20</sub>	9.80 <sup>+0.20</sup> <sub>-0.15</sub>	3.65 ± 0.08	19.20 ± 0.30	7.30 <sup>+0.20</sup> <sub>-0.10</sub>	5.70 ± 0.15	2.10 <sup>+0.10</sup> <sub>-0.15</sub>	1.30 <sup>+0.05</sup> <sub>-0.07</sub>	0.55 <sup>+0.10</sup> <sub>-0.05</sub>	24.30 ± 0.30	4.40 <sup>+0.10</sup> <sub>-0.20</sub>	2.05 ± 0.05	2
UI9.8B	23.75 <sup>+0.25</sup> <sub>-0.20</sub>	9.80 <sup>+0.10</sup> <sub>-0.15</sub>	3.65 ± 0.08	19.20 ± 0.30	7.30 <sup>+0.20</sup> <sub>-0.10</sub>	5.70 <sup>+0.15</sup> <sub>-0.10</sub>	2.10 <sup>+0.10</sup> <sub>-0.15</sub>	1.45 <sup>+0.05</sup> <sub>-0.07</sub>	0.55 <sup>+0.10</sup> <sub>-0.05</sub>	24.30 ± 0.30	4.40 <sup>+0.10</sup> <sub>-0.20</sub>	2.02 ± 0.05	2
UI9.8D	24.05 <sup>+0.25</sup> <sub>-0.20</sub>	9.80 <sup>+0.10</sup> <sub>-0.15</sub>	3.45 ± 0.08	19.50 ± 0.30	7.30 <sup>+0.20</sup> <sub>-0.10</sub>	5.70 <sup>+0.15</sup> <sub>-0.10</sub>	2.10 <sup>+0.10</sup> <sub>-0.15</sub>	1.30 <sup>+0.05</sup> <sub>-0.07</sub>	0.28 <sup>+0.05</sup> <sub>-0.12</sub>	24.50 ± 0.30	4.40 <sup>+0.10</sup> <sub>-0.20</sub>	2.02 ± 0.05	2
UI10	24.00 ± 0.20	10.00 <sup>+0.10</sup> <sub>-0.15</sub>	3.90 ± 0.10	19.00 ± 0.15	7.30 <sup>+0.15</sup> <sub>-0.10</sub>	5.70 ± 0.10	2.10 ± 0.15	1.20 <sup>+0.05</sup> <sub>-0.10</sub>	-	24.30 ± 0.20	4.50 ± 0.15	2.30 <sup>+0.05</sup> <sub>-0.10</sub>	1
UI10.7	26.10 ± 0.25	10.70 ± 0.25	3.40 ± 0.08	21.35 ± 0.25	8.00 ± 0.15	6.20 ± 0.15	-	1.30 ± 0.05	-	26.60 ± 0.20	4.80 ± 0.10	1.85 ± 0.05	2
UI10.7/31.1	31.10 ± 0.45	10.70 ± 0.25	3.00 ± 0.08	26.35 ± 0.40	8.00 ± 0.15	6.20 ± 0.15	2.25 ± 0.15	1.30 ± 0.05	0.45 ± 0.10	31.50 ± 0.45	4.80 ± 0.10	1.45 ± 0.05	2
UI11.7-2	20.90 <sup>+0.15</sup> <sub>-0.20</sub>	11.70 <sup>+0.20</sup> <sub>-0.25</sub>	3.50 ± 0.10	16.20 ± 0.15	8.80 ± 0.15	7.10 ± 0.10	-	1.30 ± 0.10	-	21.60 ± 0.20	5.50 ± 0.15	1.80 ± 0.05	1
UI12.3	22.10 ± 0.40	12.45 ± 0.12	4.80 ± 0.10	15.10 ± 0.12	8.90 ± 0.12	7.15 ± 0.10	-	1.50 ± 0.05	-	22.70 ± 0.15	4.60 ± 0.10	3.55 ± 0.05	1
UI13.2	22.20 ± 0.40	13.20 ± 0.15	4.50 ± 0.10	15.20 <sup>+0.20</sup> <sub>-0.10</sub>	9.60 ± 0.15	7.00 ± 0.15	-	1.54 ± 0.05	-	23.00 ± 0.25	5.35 ± 0.15	3.05 ± 0.05	1
UI14.6	26.75 ± 0.50	14.60 ± 0.25	4.70 ± 0.10	19.75 ± 0.30	10.40 ± 0.20	9.20 ± 0.10	-	1.50 ± 0.10	-	27.30 ± 0.30	6.00 ± 0.20	3.38 ± 0.04	1
UI14.8	19.70 <sup>+0.20</sup> <sub>-0.30</sub>	14.80 ± 0.25	4.60 ± 0.10	15.60 ± 0.25	11.40 ± 0.25	7.00 ± 0.15	3.90 ± 0.10	1.90 ± 0.05	-	19.90 ± 0.25	5.45 ± 0.25	2.85 ± 0.05	1
UI15	19.70 ± 0.20	15.00 <sup>+0.15</sup> <sub>-0.10</sub>	3.65 ± 0.08	14.25 ± 0.20	12.10 ± 0.10	9.00 ± 0.15	3.00 ± 0.15	1.75 ± 0.05	-	19.70 ± 0.20	5.55 ± 0.10	1.85 ± 0.07	1
UI16.7	28.15 ± 0.40	16.70 ± 0.25	3.60 ± 0.10	20.75 <sup>+0.35</sup> <sub>-0.25</sub>	13.25 <sup>+0.30</sup> <sub>-0.20</sub>	9.10 ± 0.15	-	1.65 ± 0.10	-	28.70 ± 0.40	8.10 ± 0.15	1.95 ± 0.05	1
UI16.8/34.3	34.30 ± 0.50	16.80 ± 0.50	4.25 ± 0.10	28.40 ± 0.40	11.60 ± 0.25	7.00 ± 0.15	-	1.65 ± 0.10	-	34.30 ± 0.50	5.80 ± 0.15	2.80 ± 0.10	1
UI16.8/38.8	38.80 ± 0.50	16.80 ± 0.50	4.25 ± 0.10	32.90 ± 0.40	11.60 ± 0.25	7.00 ± 0.15	-	1.65 ± 0.10	-	39.50 ± 0.50	5.80 ± 0.15	2.80 ± 0.10	1



### EFFECTIVE PARAMETERS

CORES	EFFECTIVE PARAMETERS				
	$C_i(\text{mm}^{-1})$	$L_e(\text{mm})$	$A_e(\text{mm}^2)$	$V_e(\text{mm}^3)$	$Wt(\text{g/set})$
UI7.7	10.34	40.24	3.89	156.53	0.84
UI8.3	9.33	53.60	5.19	589.00	1.55
UI8.5	6.37	46.85	7.35	344.34	1.94
UI9.0	4.73	47.60	9.62	757.00	2.38
UI9.8/2.2	4.99	22.07	4.42	97.58	0.58
UI9.8A	5.96	44.88	7.52	337.49	2.33
UI9.8B	5.96	44.88	7.52	337.49	2.25
UI9.8D	5.24	46.70	8.92	416.56	2.36
UI10	5.08	49.10	10.50	561.00	2.70
UI10.7	5.53	50.96	9.21	469.51	2.52
UI10.7/31.1	7.92	60.66	7.66	464.66	2.49
UI11.7-2	4.04	40.82	10.08	411.46	2.35
UI12.3	2.46	40.61	16.54	671.69	3.83
UI13.2	2.50	41.84	16.72	699.56	4.28
UI14.6	2.52	49.37	19.56	965.42	5.83
UI14.8	2.52	45.60	15.53	905.00	3.54
UI15	4.60	42.50	10.50	585.00	2.64
UI16.7	3.66	53.70	14.68	788.32	4.87
UI16.8/34.3	3.71	68.46	18.45	1263.09	7.12
UI16.8/38.8	4.19	77.25	18.43	1423.72	7.93

### ELECTRICAL CHARACTERISTICS

CORES	$AL \pm 25\% (\text{nH/N}^2)$		
	P4	P41	P46
UI7.7	200		
UI8.3	250		
UI8.5	315		
UI9.0	320 +30% -25%		
UI9.8/2.2	292		
UI9.8A	360 +30% -25%		
UI9.8B	360 +30% -20%		
UI9.8D	400		
UI10	350		
UI10.7	400		
UI10.7/31.1	280		
UI11.7-2	420		
UI12.3	590		
UI13.2	600		
UI14.6	700		
UI14.8	500		
UI15	560		
UI16.7	600		
UI16.8/34.3	690		
UI16.8/38.8	460		

Remark:

1. AL Value Testing Condition : 10kHz, 50mV, 100Ts. If testing condition is different from ACME's, please specify upon request & ordering.