

# UU, UI Type Cores

## Ordering Code 品名の構成

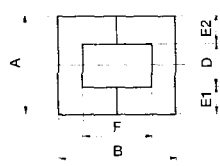
**2G1 - UU - 9.8**

Material  
材質

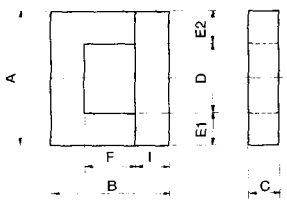
Type  
形

Length(A)  
A寸法

UU Type (Fig. 1)



UI Type (Fig. 2)



## Dimensions and Effective Parameter 寸法及び磁心の実効定数

Cores 形名	Dimensions(mm) 寸法								Effective Parameter 磁心の実効定数					Weight (g) 重量	Bobbin	Fig.
	A	B	C	D	E1	E2	F	I	Cl (mm <sup>2</sup> )	Ae (mm <sup>2</sup> )	le (mm)	Ve (mm <sup>3</sup> )	Aw (mm <sup>2</sup> )			
UU-9.7×14.9	9.7±0.3	14.9 <sup>+0.1</sup> <sub>-0.5</sub>	2.7 <sup>+0.1</sup> <sub>-0.15</sub>	4.3±0.3	2.7 <sup>+0.1</sup> <sub>-0.15</sub>	2.7 <sup>+0.1</sup> <sub>-0.15</sub>	8.8 <sup>+0.1</sup> <sub>-0.5</sub>	—	4.57	7.61	34.8	264	36.9	1.3		1
UU-9.8	9.8±0.2	14.2±0.2	2.7±0.2	4.2±0.2	2.8±0.1	2.8±0.1	8.4±0.3	—	4.46	7.65	34.2	261	35.3	1.3	○	1
UU-10×15×2.9	10.35max	15.0±0.6	2.9 <sup>+0.1</sup> <sub>-0.15</sub>	4.05min	2.95±0.1	2.95±0.1	8.6 <sup>+0.7</sup> <sub>-0.9</sub>	—	4.13	8.63	35.7	308	37.5	1.6		1
UU-10.5×15.6×5.3	10.5±0.3	15.6±0.4	5.3±0.15	5.5±0.3	2.5±0.1	2.5±0.1	10.6±0.3	—	3.02	13.3	40.0	531	58.3	2.6	○	1
UU-11	11.0 <sup>+0</sup> <sub>-0.6</sub>	16.2 <sup>+0</sup> <sub>-0.6</sub>	5.45±0.2	5.5±0.2	2.6±0.15	2.6±0.15	11.2 <sup>+0.6</sup> <sub>-0.2</sub>	—	3.08	13.4	41.3	552	62.7	2.7		1
UU-12×15.65×4.6	12.0±0.3	15.65±0.4	4.6 <sup>+0</sup> <sub>-0.4</sub>	7.5±0.3	2.25	2.25	11.15±0.3	—	4.48	9.9	44.4	439	83.6	2.2		1
UU-12	12.0±0.2	11.4±0.2	5.0±0.2	6.0±0.2	3.0±0.1	3.0±0.1	5.4±0.2	—	2.15	15.0	32.2	483	32.4	2.5		1
UU-12×17.3	12.0±0.3	17.3±0.2	5.1±0.15	6.25min	2.75±0.12	2.75±0.12	11.95±0.2	—	3.26	13.9	45.3	631	77.6	3.3	○	1
UU-12×18	12.0±0.3	18.0 <sup>+1.0</sup> <sub>-0.2</sub>	4.0 <sup>+0.1</sup> <sub>-0.2</sub>	4.0min	4.0 <sup>+0</sup> <sub>-0.3</sub>	4.0 <sup>+0</sup> <sub>-0.3</sub>	10.0 <sup>+0.4</sup> <sub>-0.2</sub>	—	2.65	15.6	41.3	645	43.4	3.1		1
UU-14	14.0±0.2	20.0±0.4	4.0±0.15	6.0±0.2	4.0±0.15	4.0±0.15	12.0±0.3	—	3.04	16.0	48.6	777	72.0	3.9		1
UU-15	15.2±0.7	23.4 <sup>+0</sup> <sub>-2.0</sub>	6.7 <sup>+0</sup> <sub>-0.5</sub>	5.2±0.3	5.0±0.2	5.0±0.2	11.4 <sup>+1.4</sup> <sub>-0.9</sub>	—	1.55	32.6	50.5	1647	62.9	8.2		1
UU-15.7	15.7±0.2	19.6±0.3	5.9±0.15	6.7±0.2	4.5±0.15	4.5±0.15	12.1±0.2	—	2.05	24.5	50.3	1232	81.1	6.3		1
UU-15.7×19.7×6	15.7±0.3	19.7±0.4	6.0±0.2	6.5min	4.5±0.15	4.5±0.15	12.0 <sup>+0.6</sup> <sub>-0.9</sub>	—	2.04	24.8	50.5	1253	82.4	6.4		1
UU-16	16.0±0.2	20.0±0.4	6.0±0.15	7.0 <sup>+0</sup> <sub>-0.3</sub>	4.575	4.575	12.0±0.3	—	1.97	25.9	51.0	1321	82.2	6.8	○	1
UU-17×20	17.0±0.3	20.2 <sup>+0.2</sup> <sub>-0.5</sub>	5.0±0.15	7.0±0.3	5.0±0.15	5.0±0.15	11.6 <sup>+0.3</sup> <sub>-0.9</sub>	—	2.24	23.1	51.7	1195	82.3	6.2		1
UU-17	17.0±0.3	33.2±0.4	6.0 <sup>+0.1</sup> <sub>-0.2</sub>	8.0±0.2	4.5	4.5	24.0 <sup>+0.6</sup> <sub>-0.9</sub>	—	2.95	26.7	78.7	2099	194	10.3		1
UU-18×21.2	18.0±0.3	21.2±0.3	6.0±0.2	10.0±0.2	4.0±0.2	4.0±0.2	13.0 <sup>+0.4</sup> <sub>-0.9</sub>	—	2.44	24.0	58.6	1406	130	7.1	○	1
UU-18	18.6±0.3	26.1±0.4	6.2±0.15	6.0 <sup>+0.4</sup> <sub>-0.9</sub>	6.225	6.225	13.7 <sup>+0.4</sup> <sub>-0.2</sub>	—	1.55	38.4	59.4	2284	85.6	11.6		1
UU-19	19.0±0.7	26.0±1.0	6.0±0.25	8.5±0.5	4.5±0.2	6.0±0.2	19.4±0.7	—	2.64	25.0	66.0	1652	165	9.4		1
UU-21	21.0±0.3	31.0±0.4	7.3±0.15	6.4±0.2	7.3	7.3	16.4±0.4	—	1.28	53.8	68.6	3688	103	18.6		1
UU-25	24.8±0.7	39.0±1.0	13.0 <sup>+0.1</sup> <sub>-0.5</sub>	8.2±0.3	8.3±0.2	8.3±0.2	22.0 <sup>+1.0</sup> <sub>-0.9</sub>	—	0.83	105.6	87.4	9230	184	47.8		1
UI-25×22.8×6.2	25.2±0.4	22.8±0.4	6.2±0.3	12.8±0.3	6.2±0.2	6.2±0.2	10.1±0.3	6.5±0.2	1.68	38.9	65.5	2551	129	13.4		2
UI-25-35	U:25.05±0.4 I:35.05±0.4	22.0±0.4	6.0±0.2	13.0±0.3	6.0±0.2	6.0±0.2	10.0±0.2	6.0±0.2	1.80	36.0	64.9	2335	130	13.1		2

## Electrical Characteristics 電気的特性

Cores 形名	AL-Value (nH/N <sup>2</sup> ) ±25%					
UU-9.7×14.9		2E2:1575min	2G1:1050		2E4: 760	
UU-9.8	2H1:2100min	2E2:1540min	2G1:1000	2F1: 900		2G8: 600
UU-10×15×2.9			2G1:1150			
UU-10.5×15.6×5.3	2H1:3360min	2E2:2240min	2G1:1400		2E6:1000	2G8: 750
UU-11			2G1:1850			
UU-12×15.65×4.6	2H1:2310min	2E2:1540min	2G1:1250		2E6: 780	2G8: 550
UU-12		2E2:3800min	2E1:1800		2E6:1180	2F8:1100
UU-12×17.3		2E2:2450min	2G1:1600	2F1:1300		
UU-12×18			2G1:1700		2F6:1250	2F8:1000
UU-14		2E2:2400min	2E1:1600		2E6:1040	2F8: 880
UU-15		2E2:4550min	2G1:3600	2F1:3000	2E6:2000	2F8:1650
UU-15.7	2H1:5040min	2E2:4000min	2G1:2600		2E6:1500	2F8:1300
UU-15.7×19.7×6			2G1:2600			
UU-16	2H1:5740min	2E2:4000min	2G1:2900		2E6:1700	2G8:1250
UU-17×20	2H1:5740min	2E2:3850min			2E6:1700	
UU-17	2H1:3500min	2E2:2240min	2G1:2150		2E6:1150	
UU-18×21.2			2E1:1700		2E6:1500	
UU-18					2E6:2200	
UU-19			2G1:2200	2F1:1950	2E6:1400	
UU-21			2G1:4500		2E6:2900	
UU-25			2G1:7600	2F1:6800	2E6:4500	2F8:3000
UI-25×22.8×6.2			2G1:3200		2E6:2200	2F8:1550
UI-25-35					2E6:2000	