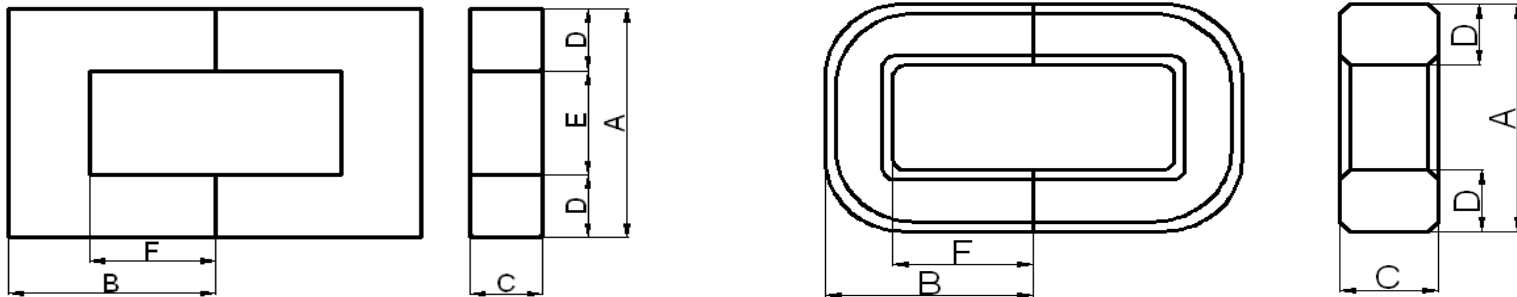
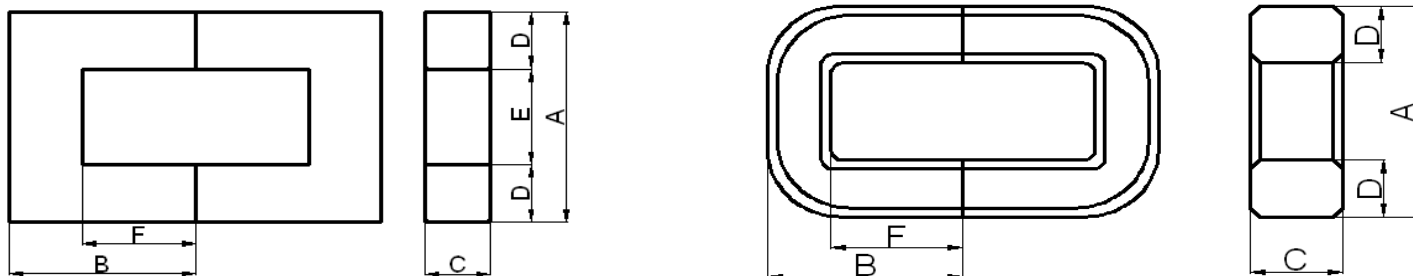


## UU Core Series



Type	Fig	Dimensions (mm)					
		A	B	C	D	E	F
UU65/64/40	1	65.0±1.5	63.5±1.0	40.0±0.5	20.0±0.5	24.4min	43.0±0.7
UU66/55/40	1	66.0±1.5	55.0±1.0	39.6±0.6	19.5±0.5	25.0min	36.5±1.0
UU73/34/28	1	72.8±1.5	33.7±1.0	27.9±0.5	13.8±0.5	45.0min	19.7±0.7
UU80/65/30	2	80.0 <sup>+2.0</sup> <sub>-1.0</sub>	65.0±0.5	30.0±0.5	21.5±0.5	37.0Ref	43.0±1.0
UU80/65/40	2	80.0 <sup>+2.0</sup> <sub>-1.0</sub>	65.0±0.5	40.0±1.0	21.5±0.5	37.0Ref	43.0±1.0
UU80/85/40	1	80.0 <sup>+3.0</sup> <sub>-2.0</sub>	85.0±1.0	40.0±1.0	20.0±0.5	40.0min	65.0±1.0
UU82/45/14	1	82.0 <sup>+3.0</sup> <sub>-2.0</sub>	45.0±0.8	14.0±0.5		53.0min	31.0±0.8
UU93/76/30	1	93.0±2.0	76.0±0.5	30.0±0.5	28Ref	34.6min	48.0±0.9
UU93/79/28	1	93.0±2.0	79.0±1.0	28.0±1.0	28.0±0.5	34.6min	49.5±1.0
UU95/85/40	1	95.0 <sup>+3.0</sup> <sub>-2.0</sub>	85.0±1.0	40.0±1.0	20.0Ref	54.5min	65.0±0.5
UU96/79/30	1	96.0±2.0	79.0±0.5	30.0±0.5	30.0±0.5	34.0min	49.0±0.5
UU100/57/25	1	101.6±2.0	57.1±0.4	25.4±0.8	25.4±0.8	50.8±1.0	31.7±0.75
UU100/75/30	1	100.0±3.0	75.5±1.0	30.0±1.0	30.0±1.0	37.5min	45.0±0.75
UU110/95/40	1	110.0±2.5	95.0±1.0	40.0±1.0	30.0±1.0	50.0±1.5	65.0±1.0
UU114/78/38	1	114.0±2.5	77.5±1.0	37.5±1.0	30.0±0.5	54.0±1.5	48.0±1.0
UU120/80/40	1	120.0±3.0	80.0±1.0	40.0±1.5	30.0±0.5	59.0min	50.5±1.0
UU120/100/40	1	120.0±3.0	100.0 <sup>+1.0</sup>	40.0±1.5	30.0±0.5	59.0min	70.2±1.5
UU120/118/40	1	120.0±3.0	117.5±1.0	40.0±1.5	30.0±0.5	59.0min	87.5±1.5
UU126/91/20	1	126.0±3.0	91.0±1.0	20.0±0.6	28.0Ref	70.0±2.0	63.0±2.0
UU140/95/39	1	140 <sup>+5.0</sup> <sub>-1.0</sub>	95.0 <sup>+2.0</sup>	39.0±1.5	40.0±1.0	60.0min	56.5 <sup>+1.0</sup>
UU160/125/20	1	162.0±3.0	125.0±0.5	20.0±1.0	50.5±0.5	60.0min	75.0±1.5

## UU Core Series



Type	Core parameter				weight (g/prs)	AL(nH/N <sup>2</sup> )
	C <sub>1</sub> (mm <sup>-1</sup> )	L <sub>e</sub> (mm)	A <sub>e</sub> (mm <sup>2</sup> )	V <sub>e</sub> (mm <sup>3</sup> )		LP3 (±25%)
UU65/64/40	0.355	286	806	230000	1130	6400
UU66/55/40	0.342	260	759	197000	960	6000
UU73/34/28	0.549	212	387	82075	410	4900
UU80/65/30	0.485	314	647	203000	1010	4300
UU80/65/40	0.366	311	850	265000	1350	5000
UU80/85/40	0.543	435	801	348000	1600	4000
UU82/45/14	1.376	275	200	54900	270	1700
UU93/76/30	0.421	354	840	297000	1520	5500
UU93/79/28	0.454	362	797	289000	1440	5000
UU95/85/40	0.540	430	796	343000	1670	4600
UU96/79/30	0.403	360	894	322000	1610	5500
UU100/57/25	0.478	308	645	199000	1000	5500
UU100/75/30	0.386	354	917	324620	1650	6060
UU110/95/40	0.320	466	1456	679630	2765	6900
UU114/78/38	0.352	387	1100	426000	2160	6900
UU120/80/40	0.347	415	1196	507280	2420	6900
UU120/100/40	0.414	503	1216	611650	2890	4720
UU120/118/40	0.470	564	1200	677000	3270	4800
UU126/91/20	0.857	480	560	268800	1360	2800
UU140/95/39	0.321	497	1548	741500	3680	7000
UU160/125/20	0.574	578	1007	582000	2880	3500

**Test Conditions:** AL 1kHz/0.5mA/100Ts

### Material Specification

Material	U <sub>j</sub>	Bsat 1190A/M 100° C	Power Loss 100KHz, 200mT 80°C 100°C	T <sub>c</sub>
LP3	2300 ± 25%	390 mT	480 450	>200

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