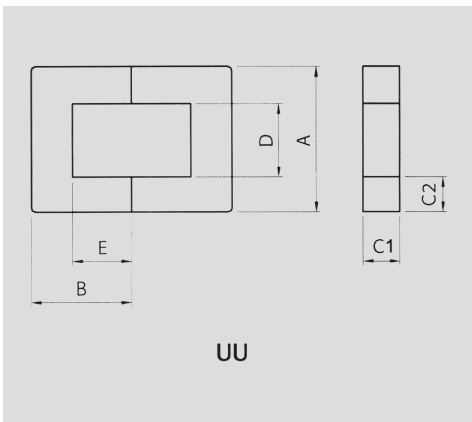


UU CORES



Note: 1)Core Loss

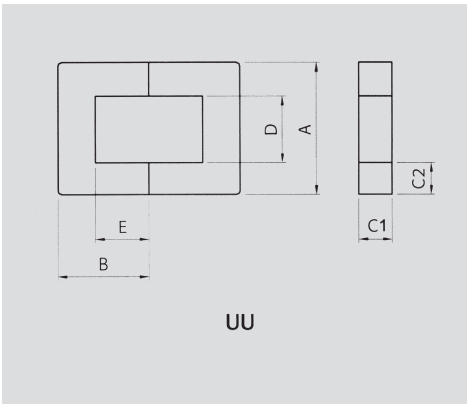
- Unit:Watt max.
- Measuring conditions
- sr-4P, sr-5P:100kHz,200mT,at100°C
- 2P, -6P:100kHz,200mT,at80°C
- 1)25kHz,200mT,at100°C

2)AL value

- Unit:nH/N²
- Measuring conditions:1kHz,0.25V25°C
- Tolerance: ± 25%(H_x10K,H_x12K ± 30%)
- sr-10K:Non mirror grinding
- 1)1kHz,1V

Part No.	UU1014	UU1015	UU1116	UU1320		
Type	UU	UU	UU	UU		
Dimensions in mm 尺寸	A	9.80±0.20	10.15±0.20	10.50±0.30	13.50±0.30	
	B	7.10±0.10	7.40±0.20	7.90±0.20	9.90 ^{+0.00} _{-0.40}	
	C1	2.70±0.20	2.90 ^{+0.10} _{-0.15}	5.00±0.30	5.00 ^{+0.00} _{-0.40}	
	C2	2.80±0.10	2.90±0.10	2.50±0.20	3.50 ^{+0.00} _{-0.25}	
	D	4.20±0.20	4.35±0.20	5.50±0.30	6.50 ^{+0.50} _{-0.00}	
	E	4.20±0.20	4.20 ^{+0.35} _{-0.00}	5.40±0.20	6.10 ^{+0.30} _{-0.00}	
Core Set Parameters 磁芯参数	C1(mm ⁻¹)	4.460	4.190	3.240	3.010	
	Le(mm)	34.1	35.5	40.5	49.2	
	Ae(mm ²)	7.7	8.5	12.4	16.3	
	Ve(mm ³)	261	300	505	803	
	Aw(mm ²)	35.2	38.0	59.4	84.3	
	W(g/set)	1.3	1.5	2.5	4.0	
Electrical Characteristics ⁽¹⁾⁽²⁾ 电气特性	AL value	SR-4P	377	515	720	800
		SR-2P	430	560	790	900
		SR-5P	390	540	750	830
		SR-6P	490	687	960	1060
		SR-5K	770	830	1212	1400
		SR-6K	920	996	1450	1680
		SR-7K	1180	1020	1550	1870
		SR-10K	1210min	950min	1466min	1650min
	Core loss	SR-4P	0.14	0.17	0.28	0.44
		SR-2P	0.14	0.16	0.27	0.42
		SR-5P	0.13	0.15	0.25	0.40
		SR-6P	0.13	0.14	0.24	0.39

UU CORES



Note: 1)Core Loss

-Unit:Watt max.

-Measuring conditions

-4P,-5P:100kHz,200mT,at100°C

sr-2P,sr-6P:100kHz,200mT,at80°C

1)25kHz,200mT,at100°C

2)AL value

-Unit:nH/N²

-Measuring conditions:1kHz,0.25V25°C

-Tolerance: ± 25%(Hx-10k,Hx+12K: ± 30%)

sr-10K:Non mirror grinding

1)1kHz,1V

Part No.	UU1420	UU1522	UU1523N	UU1620		
Type	UU	UU	UU	UU		
Dimensions in mm 尺寸	A	14.00 ^{+0.00} _{-0.50}	15.20 ± 0.30	15.20 ± 0.50	16.00 ± 0.20	
	B	9.55 ± 0.20	11.20 ± 0.25	11.40 ± 0.20	10.00 ± 0.20	
	C1	8.00 ^{+0.00} _{-0.50}	6.70 ^{+0.00} _{-0.50}	6.40 ^{+0.00} _{-0.20}	6.00 ± 0.15	
	C2	4.00 ^{+0.00} _{-0.50}	5.00ref	5.00 ± 0.20	4.50ref	
	D	5.60min	5.20 ± 0.30	5.20 ± 0.30	6.70min	
	E	5.60min	5.70 ^{+0.70} _{-0.00}	6.40 ± 0.20	6.00 ± 0.20	
Core Set Parameters 磁芯参数	C1(mm ⁻¹)	1.630	1.551	1.616	1.996	
	Le(mm)	47.5	50.5	51.7	51.2	
	Ae(mm ²)	29.1	32.5	31.9	25.6	
	Ve(mm ³)	1380	1640	1650	1310	
	Aw(mm ²)	67.3	62.9	66.5	84.0	
	W(g/set)	6.7	8.5	8.6	7.2	
Electrical Characteristics ⁽¹⁾⁽²⁾ 电气特性	AL value	SR-4P	1300	1400	1360	1135
		SR-2P	1640	1580	1550	1350
		SR-5P	1400	1500	1400	1200
		SR-6P	1733	1867	1813	1500
		SR-5K	2600	2700	2600	2200
		SR-6K	3100	3240	3120	2580
		SR-7K	3500	3500	3400	2780
		SR-10K	3100min	3200min	3100min	2550min
	Core loss	SR-4P	0.76	0.90	0.91	0.72
		SR-2P	0.72	0.85	0.86	0.68
		SR-5P	0.69	0.82	0.83	0.66
		SR-6P	0.66	0.79	0.79	0.63



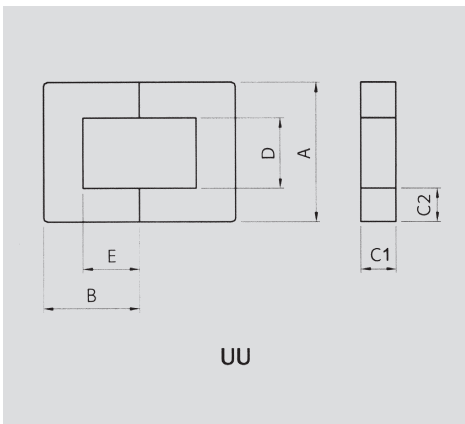
sales@shiruitech.com
www.shiruitech.com

HEFEI SHIRUI ELECTRONIC TECHNOLOGY CO.,LTD

Part No.		UU1622	UU1820	UU2027	UU2132	UU2323	UU2528	UU2537	UU2633SN	UU2831	
Type		UU	UU	UU	UU	UU	UU	UU	UU	UU	
Dimensions in mm 尺寸	A	16.00±0.30	18.00±0.30	20.50±0.30	20.80±0.60	23.00±0.50	25.00±0.40	24.50±0.70	26.50±0.50	28.00 ^{+0.00} _{-0.50}	
	B	11.00±0.20	10.00±0.20	13.50 ^{+0.50} _{-0.00}	15.55±0.25	11.40±0.20	14.00±0.20	18.30±0.25	16.50±0.25	15.50 ^{+0.00} _{-0.50}	
	C1	6.00±0.15	6.00±0.15	11.00±0.25	7.45±0.25	6.40±0.20	7.00±0.30	7.30±0.30	16.00±0.25	7.00 ^{+0.00} _{-0.50}	
	C2	4.50ref	4.50ref	5.00±0.15	7.25ref	5.00±0.20	7.00±0.20	7.30ref	5.00 ^{+0.00} _{-0.50}	7.00 ^{+0.00} _{-0.50}	
	D	6.70min	8.70min	10.50±0.30	6.30±0.30	13.00±0.30	11.00ref	9.90±0.30	16.00 ^{+1.50} _{-0.00}	14.00 ^{+0.50} _{-0.00}	
	E	7.00±0.15	6.50±0.15	8.50 ^{+0.50} _{-0.00}	8.30±0.30	6.40±0.20	7.00±0.30	10.85±0.25	11.50 ^{+0.50} _{-0.00}	8.50 ^{+0.50} _{-0.00}	
Core Set Parameters 磁芯参数	C1(mm ⁻¹)	2.140	2.15	1.270	1.270	1.366	1.469	1.510	0.62	1.88	
	Le(mm)	55.2	54.0	71.0	68.6	32.1	72.0	84.4	95.8	84.3	
	Ae(mm ²)	25.7	25.1	55.8	54.0	23.6	49.0	55.8	155.3	44.8	
	Ve(mm ³)	1420	1357	3962	3700	756	3520	4709	14878	3773	
	Aw(mm ²)	98.0	113.1	178.5	104.0	166.4	154.0	214.8	368	238	
	W(g/set)	7.3	7.1	20.0	19.0	11.0	18.5	23.9	36.0	24.0	
Electrical Characteristics ⁽¹⁾⁽²⁾ 电气特性	AL value	SR-4P	1050	1000	1760	1760	1020	1530	1310	1370	1100
		SR-2P	1150	1200	1960	1960	1200	1700	1560	1620	1340
		SR-5P	1100	1050	1800	1800	1065	1600	1365	1420	1167
		SR-6P	1400	1330	2347	2347	1365	2040	1740	1820	1493
		SR-5K	2100	2050	3650	3650	2130	3150	2735	2850	2333
		SR-6K	2520	2450	4380	4380	2560	3780	3280	3420	2800
		SR-7K	2700	2700	4820	4700	3200	4200	4100	3800	3500 ⁽¹⁾
		SR-10K	2500min	2400min	4300min	4350min	2560min	3750min	3280min	3400min	2800min
	Core loss	SR-4P	0.78	0.75	2.18	2.04	0.42	1.94	2.59	8.20	2.20
		SR-2P	0.75	0.71	2.08	2.04	0.40	1.84	2.40	7.80	2.10
		SR-5P	0.71	0.68	1.98	1.85	0.38	1.76	2.35	7.50	2
		SR-6P	0.68	0.65	1.90	1.78	0.36	1.69	2.26	7.40	1.90



UU CORES



Note: 1)Core Loss
 -Unit:Watt max.
 -Measuring conditions
 sr-4P,sr-5P:100kHz,200mT,at100°C
 sr-2P,sr-6P:100kHz,200mT,at80°C
 1)25kHz,200mT,at100°C

2)AL value
 -Unit:nH/N²
 -Measuring conditions:1kHz,0.25V/25°C
 -Tolerance: ± 25%(SR10K,SR12K ± 30%)
 sr-10K:Non mirror grinding
 1)1kHz,1V

Part No.	UU3356	UU3639	U8065	U93		
Type	UU	UU	UU	UU		
Dimensions in mm 尺寸	A	32.50 ± 0.70	36.00 +0.00 -0.50	80.00 ± 1.60	93.00 ± 1.80	
	B	27.75 ± 0.50	19.50 +0.00 -0.50	64.80 ± 0.50	76.00 ± 0.50	
	C1	12.50 ± 0.30	12.00 +0.00 -0.50	31.80 ± 0.60	30.00 ± 0.80	
	C2	9.50ref	7.00 +0.00 -0.50	22.30ref	28.00ref	
	D	13.50 ± 0.50	22.00 +0.50 -0.00	35.20 ± 1.20	35.00min	
	E	17.75 +0.5 -0.20	12.50 +0.50 -0.00	42.50 ± 0.80	48.00 ± 0.90	
Core Set Parameters 磁芯参数	C1(mm ⁻¹)	1.07	1.50	0.440	0.421	
	Le(mm)	128.6	116.2	310	354	
	Ae(mm ²)	120.7	77.6	704	840	
	Ve(mm ³)	15522	9015	218240	297000	
	Aw(mm ²)	479.25	550	2992	3475	
	W(g/set)	78.0	43.5	575	760	
Electrical Characteristics ⁽¹⁾⁽²⁾ 电气特性	AL value	SR-4P	2650	1280	6000	6400
		SR-2P	3213	1520	7200	7700
		SR-5P	2760	1333	6250	8500
		SR-6P	3533	1707	8000	6600
		SR-5K	5521	2667		
		SR-6K	6625	3200		
	Core loss	SR-7K	8281	4000 ¹⁾		
		SR-10K	6500min	3200min		
		SR-4P	8.54	4.96	30 ¹⁾	40 ¹⁾
		SR-2P	7.96	4.81	30 ¹⁾	38 ¹⁾
		SR-5P	7.76	4.51	27 ¹⁾	36 ¹⁾
		SR-6P	7.45	4.33	27 ¹⁾	36 ¹⁾