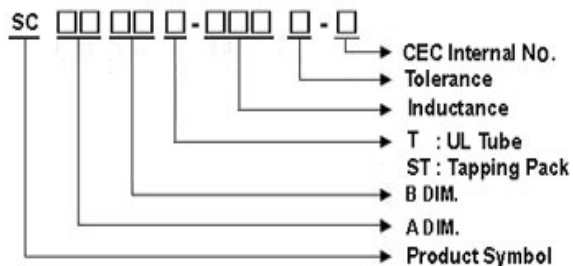


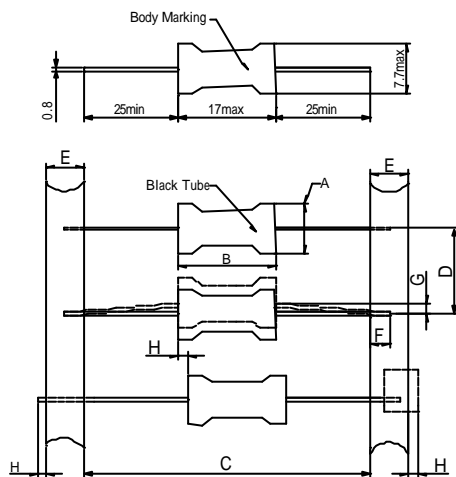
SC Series



Product Identification



Shapes and Dimensions



Dimensions in mm

A	8.5 <sup>+0</sup>	F	3.2 <sup>0</sup>
B	17 <sup>+0</sup>	G	1.2 <sup>+0</sup>
C	73±1.5	H	0.8 <sup>+0</sup>
D	10±0.5		
E	6±1		

Test Instrument

- L: HP 4192A LF IMPEDANCE ANALYZER
- D.C. CURRENT: CHEN HWA CH1061+301A
- D.C. RESISTANCE: CHEN HWA502BC

Note:

- lead-free
- CHILISIN has UL tube on SC Series to avoid the damage when wave soldering.

Electrical Parameters

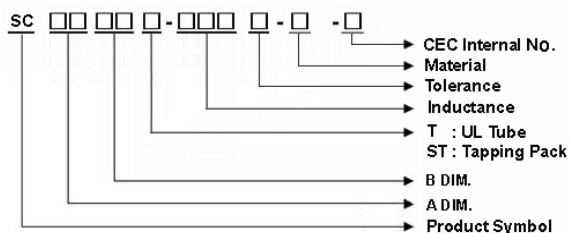
Part Number	Inductance @ 1KHz, 1V	D.C. Resistance (W) Max	D.C Current (mA) Min
SC0717□-3R9□-N	3.9	0.019	3600
SC0717□-4R7□-N	4.7	0.022	2800
SC0717□-5R6□-N	5.6	0.024	2600
SC0717□-6R8□-N	6.8	0.026	2200
SC0717□-8R2□-N	8.2	0.028	2100
SC0717□-100□-N	10	0.033	1700
SC0717□-120□-N	12	0.037	1700
SC0717□-150□-N	15	0.040	1400
SC0717□-180□-N	18	0.044	1300
SC0717□-220□-N	22	0.050	1200
SC0717□-270□-N	27	0.058	1100
SC0717□-330□-N	33	0.075	950
SC0717□-390□-N	39	0.094	900
SC0717□-470□-N	47	0.109	830
SC0717□-560□-N	56	0.140	750
SC0717□-680□-N	68	0.131	700
SC0717□-820□-N	82	0.152	600
SC0717□-101□-N	100	0.208	550
SC0717□-121□-N	120	0.283	500
SC0717□-151□-N	150	0.34	450
SC0717□-181□-N	180	0.362	450
SC0717□-221□-N	220	0.43	350
SC0717□-271□-N	270	0.557	300
SC0717□-331□-N	330	0.665	300
SC0717□-391□-N	390	0.772	250
SC0717□-471□-N	470	1.15	250
SC0717□-561□-N	560	1.27	250
SC0717□-681□-N	680	1.61	200
SC0717□-821□-N	820	1.96	200
SC0717□-102□-N	1000	2.30	180
SC0717□-122□-N	1200	2.65	170
SC0717□-152□-N	1500	3.40	140
SC0717□-182□-N	1800	4.03	130
SC0717□-222□-N	2200	4.38	120
SC0717□-272□-N	2700	5.40	100
SC0717□-332□-N	3300	6.56	95
SC0717□-392□-N	3900	8.63	90
SC0717□-472□-N	4700	9.66	80
SC0717□-562□-N	5600	13.9	70
SC0717□-682□-N	6800	16.3	60
SC0717□-822□-N	8200	20.8	60
SC0717□-103□-N	10000	26.4	55
SC0717□-123□-N	12000	29.9	45
SC0717□-153□-N	15000	42.5	45
SC0717□-183□-N	18000	48.3	40



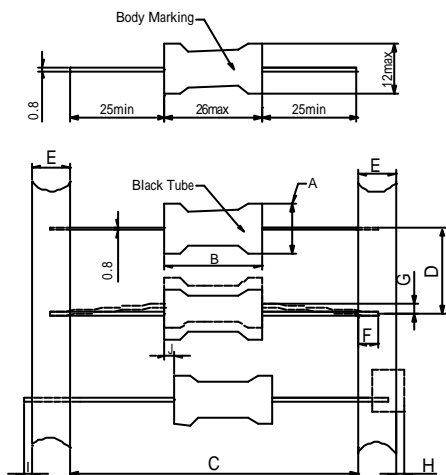
## Features

- Low cost
- Wide range of inductance
- High reliability

## Product Identification



## Shapes and Dimensions



Dimension in mm

<b>A</b>	12.5 <sup>+0</sup>	<b>F</b>	3.2 <sup>-0</sup>
<b>B</b>	26 <sup>+0</sup>	<b>G</b>	1.2 <sup>+0</sup>
<b>C</b>	73±1.5	<b>H</b>	0.8 <sup>+0</sup>
<b>D</b>	15±0.5	<b>I</b>	0.8 <sup>+0</sup>
<b>E</b>	6±1	<b>J</b>	0.8 <sup>+0</sup>

## Test Instrument

- L: HP 4192A LF IMPEDANCE ANALYZER
- D.C. CURRENT: CHEN HWA CH1061+301A
- D.C. RESISTANCE: CHEN HWA502BC

## Note:

- lead-free identification.
- CHILISIN uses UL tube on SC Series to avoid the damage when wave soldering.

## Electrical Parameters

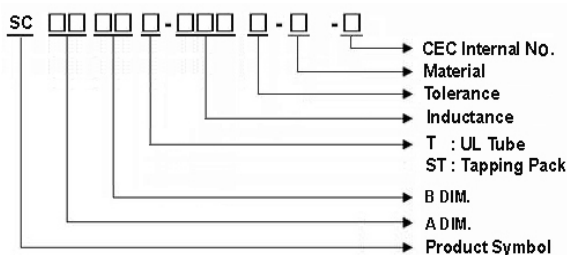
Part Number	Inductance @ 1KHz, 1V	D.C. Resistance (W) Max	D.C Current (mA) Min
SC1126□-100□-N	10±15%	0.023	4200
SC1126□-120□-N	12±15%	0.025	3600
SC1126□-150□-N	15±15%	0.030	3400
SC1126□-180□-N	18±15%	0.032	3100
SC1126□-220□-N	22±15%	0.035	2700
SC1126□-270□-N	27±15%	0.038	2400
SC1126□-330□-N	33±15%	0.043	2200
SC1126□-390□-N	39±15%	0.047	1800
SC1126□-470□-N	47±15%	0.054	1800
SC1126□-560□-N	56±15%	0.060	1500
SC1126□-680□-N	68±15%	0.068	1500
SC1126□-820□-N	82±15%	0.073	1300
SC1126□-101□-N	100±15%	0.098	1200
SC1126□-121□-N	120±15%	0.140	1100
SC1126□-151□-N	150±15%	0.180	1000
SC1126□-181□-N	180±15%	0.200	940
SC1126□-221□-N	220±15%	0.280	800
SC1126□-271□-N	270±15%	0.31	800
SC1126□-331□-N	330±15%	0.35	600
SC1126□-391□-N	390±15%	0.38	600
SC1126□-471□-N	470±15%	0.44	500
SC1126□-561□-N	560±15%	0.48	500
SC1126□-681□-N	680±15%	0.63	450
SC1126□-821□-N	820±15%	0.87	450
SC1126□-102□-N	1000±15%	0.96	400
SC1126□-122□-N	1200±15%	1.3	390
SC1126□-152□-N	1500±15%	1.4	300
SC1126□-182□-N	1800±15%	1.7	300
SC1126□-222□-N	2200±15%	2.3	260
SC1126□-272□-N	2700±15%	2.6	250
SC1126□-332□-N	3300±15%	3.5	200
SC1126□-392□-N	3900±15%	3.8	200
SC1126□-472□-N	4700±15%	4.3	180
SC1126□-562□-N	5600±15%	5.6	170
SC1126□-682□-N	6800±15%	6.3	140
SC1126□-822□-N	8200±15%	8.6	140
SC1126□-103□-N	10000±15%	9.7	120
SC1126□-123□-N	12000±15%	11	110
SC1126□-153□-N	15000±15%	15	100
SC1126□-183□-N	18000±15%	20	95
SC1126□-223□-N	22000±15%	24	85
SC1126□-273□-N	27000±15%	26	80
SC1126□-333□-N	33000±15%	35	70
SC1126□-393□-N	39000±15%	38	65
SC1126□-473□-N	47000±15%	50	60
SC1126□-563□-N	56000±15%	55	55
SC1126□-683□-N	68000±15%	76	50
SC1126□-823□-N	82000±15%	86	45
SC1126□-104□-N	100000±15%	99	40
SC1126□-124□-N	120000±15%	110	40
SC1126□-154□-N	150000±15%	200	35
SC1126□-184□-N	180000±15%	220	30
SC1126□-224□-N	220000±15%	300	25
SC1126□-274□-N	270000±15%	320	25
SC1126□-334□-N	330000±15%	420	25
SC1126□-394□-N	390000±15%	480	20
SC1126□-474□-N	470000±15%	670	20
SC1126□-564□-N	560000±15%	730	20
SC1126□-684□-N	680000±15%	870	15
SC1126□-824□-N	820000±15%	950	15
SC1126□-105□-N	1000000±15%	1100	15



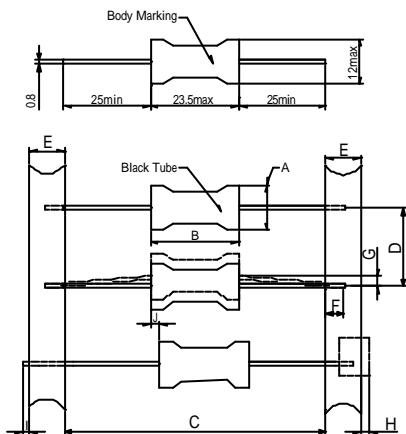
## Features

- Low cost
- Wide range of inductance
- High reliability

## Product Identification



## Shapes and Dimensions



Dimension in mm

<b>A</b>	12 <sup>+0</sup>	<b>F</b>	3.2 <sup>-0</sup>
<b>B</b>	23.5 <sup>+0</sup>	<b>G</b>	1.2 <sup>+0</sup>
<b>C</b>	73±1.5	<b>H</b>	0.8 <sup>+0</sup>
<b>D</b>	15±0.5	<b>I</b>	0.8 <sup>+0</sup>
<b>E</b>	6±1	<b>J</b>	0.8 <sup>+0</sup>

## Test Instrument

- L: HP 4192A LF IMPEDANCE ANALYZER
- D.C. CURRENT: CHEN HWA CH1061+301A
- D.C. RESISTANCE: CHEN HWA502BC

## Note:

- lead-free
- CHILISIN has UL tube on SC Series. to avoid the damage when wave soldering.

## Electrical Parameters

Part Number	Inductance @ 1KHz, 1V	D.C. Resistance (W) Max	D.C Current (mA) Min
SC1223□-3R9□-N	3.9±15%	0.007	4500
SC1223□-4R7□-N	4.7±15%	0.008	4000
SC1223□-5R6□-N	5.6±15%	0.009	3500
SC1223□-6R8□-N	6.8±15%	0.011	3300
SC1223□-8R2□-N	8.2±15%	0.013	2900
SC1223□-100□-N	10±15%	0.017	2700
SC1223□-120□-N	12±15%	0.019	2400
SC1223□-150□-N	15±15%	0.022	2100
SC1223□-180□-N	18±15%	0.023	1900
SC1223□-220□-N	22±15%	0.026	1700
SC1223□-270□-N	27±15%	0.027	1500
SC1223□-330□-N	33±15%	0.032	1400
SC1223□-390□-N	39±15%	0.033	1300
SC1223□-470□-N	47±15%	0.035	1200
SC1223□-560□-N	56±15%	0.037	1100
SC1223□-680□-N	68±15%	0.047	1400
SC1223□-820□-N	82±15%	0.060	1300
SC1223□-101□-N	100±15%	0.080	1200
SC1223□-121□-N	120±15%	0.090	1100
SC1223□-151□-N	150±15%	0.120	940
SC1223□-181□-N	180±15%	0.140	900
SC1223□-221□-N	220±15%	0.160	800
SC1223□-271□-N	270±15%	0.180	770
SC1223□-331□-N	330±15%	0.212	620
SC1223□-391□-N	390±15%	0.260	600
SC1223□-471□-N	470±15%	0.281	510
SC1223□-561□-N	560±15%	0.380	480
SC1223□-681□-N	680±15%	0.500	470
SC1223□-821□-N	820±15%	0.548	430
SC1223□-102□-N	1000±15%	0.655	380
SC1223□-122□-N	1200±15%	0.884	350
SC1223□-152□-N	1500±15%	1.040	310
SC1223□-182□-N	1800±15%	1.180	290
SC1223□-222□-N	2200±15%	1.568	250
SC1223□-272□-N	2700±15%	2.06	220
SC1223□-332□-N	3300±15%	2.53	210
SC1223□-392□-N	3900±15%	2.75	200
SC1223□-472□-N	4700±15%	3.19	170
SC1223□-562□-N	5600±15%	3.92	150
SC1223□-682□-N	6800±15%	6.69	140
SC1223□-822□-N	8200±15%	6.32	130
SC1223□-103□-N	10000±15%	7.30	110
SC1223□-123□-N	12000±15%	9.21	100
SC1223□-153□-N	15000±15%	10.5	95
SC1223□-183□-N	18000±15%	14.8	90
SC1223□-223□-N	22000±15%	21.8	80
SC1223□-273□-N	27000±15%	22.7	70
SC1223□-333□-N	33000±15%	25.7	60
SC1223□-393□-N	39000±15%	33.0	60
SC1223□-473□-N	47000±15%	36.1	60
SC1223□-563□-N	56000±15%	40.9	55
SC1223□-683□-N	68000±15%	57.3	45
SC1223□-823□-N	82000±15%	79.3	40
SC1223□-104□-N	100000±15%	89.7	40