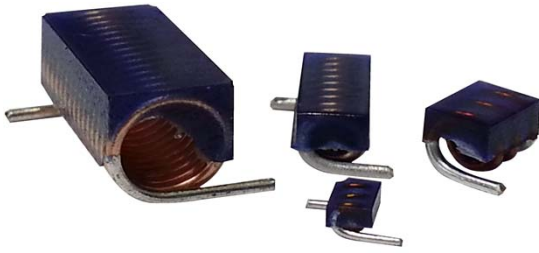


■ Features:

- High Q over a wide frequency range
- Jacket with a high temperature material which assures mechanical stability and very close tolerance
- Forms a flat top making them suitable

■ Applications:

- Satellite communication systems
- TVs and audio equipment
- Microwave equipment
- Band pass equipment



■ Parts code:

SAC 1812

Type

E

Epoxy

82N

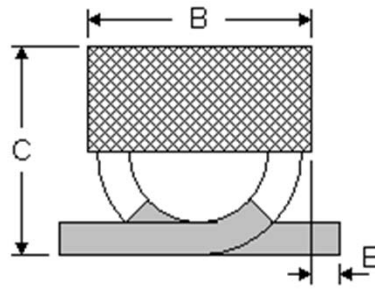
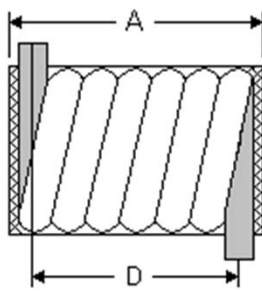
Inductance code

J

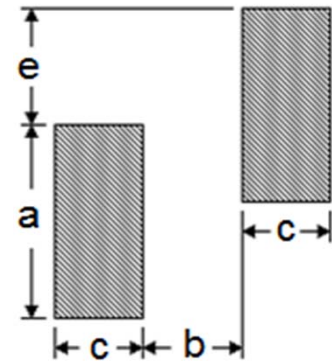
Tolerance: J : ± 5%

K : ± 10%

■ Outline Dimension:



■ Land Pattern:



Dimensions in mm

Flic No.	A	B	C	D	E
	Max	Max	Max	± 0.3	± 0.3
SAC 2215E	2.41	1.65	1.52	1.83	0.70
SAC 4015E	4.19	1.70	1.58	3.66	0.90
SAC 3730E	3.94	2.80	2.90	2.90	0.70
SAC 7030E	6.86	2.80	3.10	5.80	0.70
SAC 1812E	4.95	3.81	4.32	4.32	1.53
SAC 132E	9.00	4.80	5.10	8.00	1.30

a	b	c	e
Typ.	Typ.	Typ.	
2.5	1.0	0.8	1.0
2.5	2.9	0.8	1.0
3.3	1.7	1.3	2.8
3.3	4.9	1.3	2.8
5.2	2.9	1.5	2.7
4.7	6.0	2.1	2.4

■ Package: Q'TY / Reel

SAC 2215E---4K/pcs

SAC 3730E---2K/pcs

SAC 1812E---1K/pcs

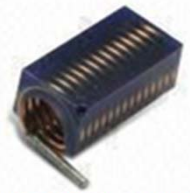
SAC 4015E---4K/pcs

SAC 7030E---2K/pcs

SAC 132E---1K/pcs

SMD Air Spring Coil

SAC 2215E / 4015E



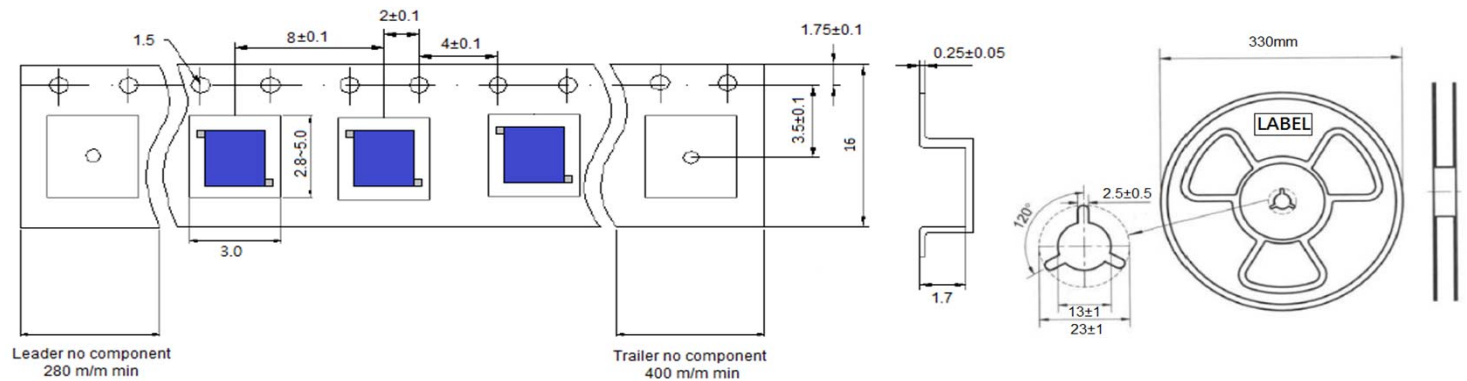
2215E / 4015E

■ Specifications

Flic No.	Inductance (nH)	Test Frequency (MHz)	Q Min	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 2215E-02	1.65 ± 10%	800	100	10.0	4.0	1.6
SAC 2215E-03	2.55 ± 10%	800	100	8.2	5.0	1.6
SAC 2215E-04	3.85 ± 10%	800	100	7.5	6.0	1.6
SAC 2215E-05	5.40 ± 10%	800	100	7.0	8.0	1.6
SAC 4015E-06	5.60 ± 10%	800	100	6.5	9.0	1.6
SAC 4015E-07	7.15 ± 10%	800	100	6.0	10.0	1.6
SAC 4015E-08	8.80 ± 10%	800	100	6.0	12.0	1.6
SAC 4015E-09	9.85 ± 10%	800	100	5.2	13.0	1.6
SAC 4015E-10	12.55 ± 10%	800	100	4.6	14.0	1.6

- Test Frequency: 800MHz, 0.1Vrms, 0 Adc.
- Tolerance: G (± 2%) , J (± 5%), K (± 10%)
- Average current for 40°C temperature rise from 25°C
- Electrical specifications at 25°C
- Operating temperature range: -40°C ~ +85°C
- Storage Temp: -40°C ~ +85°C

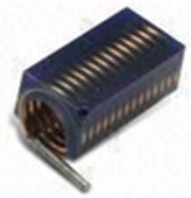
■ Package:



- Package: Q'TY / Reel
- SAC 2215E---4K/pcs
- SAC 4015E---4K/pcs

SMD Air Spring Coil

SAC 3730E / 7030E



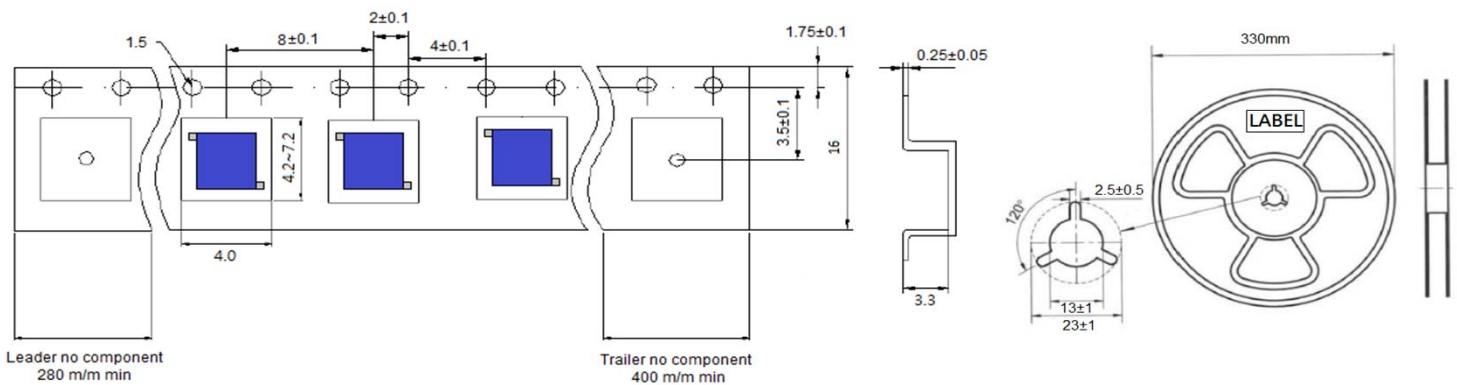
3730E / 7030E

Specifications

Flic No.	Inductance (nH)	Test Frequency (MHz)	Q Min	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 3730E-A01	2.5 ± 10%	150	145	12.5	1.1	4.0
SAC 3730E-A02	5.0 ± 10%	150	140	6.5	1.8	4.0
SAC 3730E-A03	8.0 ± 10%	150	140	5.0	2.6	4.0
SAC 3730E-A04	12.5 ± 5%	150	137	3.3	3.4	4.0
SAC 3730E-A05	18.5 ± 5%	150	132	2.5	3.9	4.0
SAC 7030E-B06	17.5 ± 5%	150	100	2.2	4.5	4.0
SAC 7030E-B07	22.0 ± 5%	150	100	2.1	5.7	4.0
SAC 7030E-B08	28.0 ± 5%	150	100	1.8	6.0	4.0
SAC 7030E-B09	35.5 ± 5%	150	100	1.5	6.8	4.0
SAC 7030E-B10	43.5 ± 5%	150	100	1.2	7.9	4.0

- Test Frequency: 150MHz, 0.1Vrms, 0 Adc.
- Tolerance: G (± 2%) , J (± 5%), K (± 10%)
- Average current for 40°C temperature rise from 25°C
- Electrical specifications at 25°C
- Operating temperature range: -40°C ~ +85°C
- Storage Temp: -40°C ~ +85°C

Package:



- Package: Q'TY / Reel
- SAC 3730E---2K/pcs
- SAC 7030E---2K/pcs

SMD Air Spring Coil

SAC 1812E



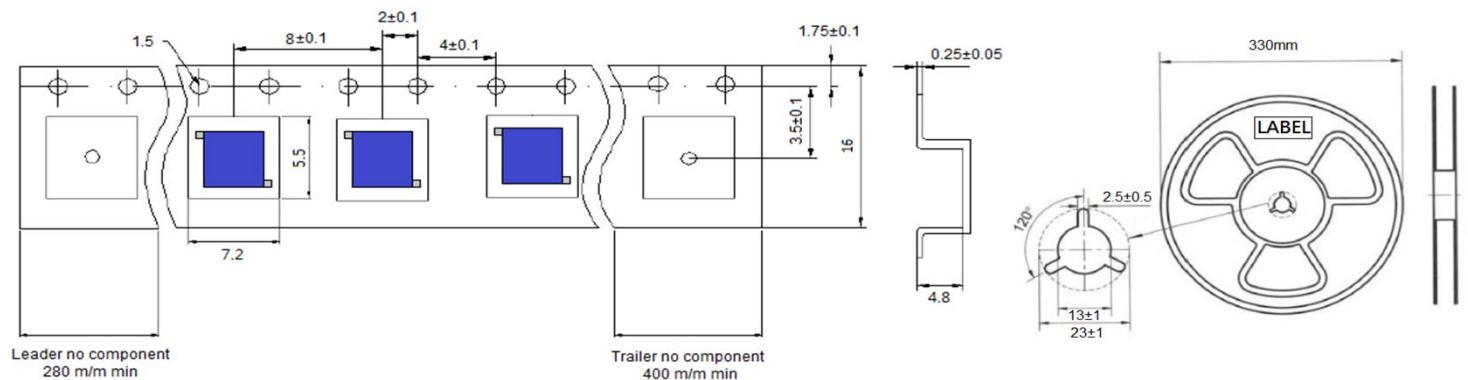
1812E

■ Specifications

Flic No.	Inductance (nH)	Test Frequency (MHz)	Q Min	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 1812E-22NJ	22 ± 5%	150	100	3.2	4.2	3.0
SAC 1812E-27NJ	27 ± 5%	150	100	2.7	4.0	3.5
SAC 1812E-33NJ	33 ± 5%	150	100	2.5	4.8	3.0
SAC 1812E-39NJ	39 ± 5%	150	100	2.1	4.4	3.0
SAC 1812E-47NJ	47 ± 5%	150	100	2.1	5.6	3.0
SAC 1812E-56NJ	56 ± 5%	150	100	1.5	6.2	3.0
SAC 1812E-68NJ	68 ± 5%	150	100	1.5	8.2	2.5
SAC 1812E-82NJ	82 ± 5%	150	100	1.3	9.4	2.5
SAC 1812E-R10J	100 ± 5%	150	100	1.2	12.3	1.7
SAC 1812E-R12J	120 ± 5%	150	100	1.1	17.3	1.5
SAC 1812E-R15J	150 ± 5%	150	100	0.8	33.0	1.2
SAC 1812E-R22J	220 ± 5%	150	80	0.6 Tpy.	43.0	0.8

- Test Frequency: 150MHz, 0.1Vrms, 0 Adc.
- Tolerance: G (± 2%) , J (± 5%), K (± 10%)
- Average current for 40°C temperature rise from 25°C
- Electrical specifications at 25°C
- Operating temperature range: -40°C ~ +85°C
- Storage Temp: -40°C ~ +85°C

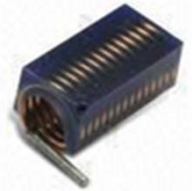
■ Package:



- Package: Q'TY / Reel
SAC 1812E---1K/pcs

SMD Air Spring Coil

SAC 132E



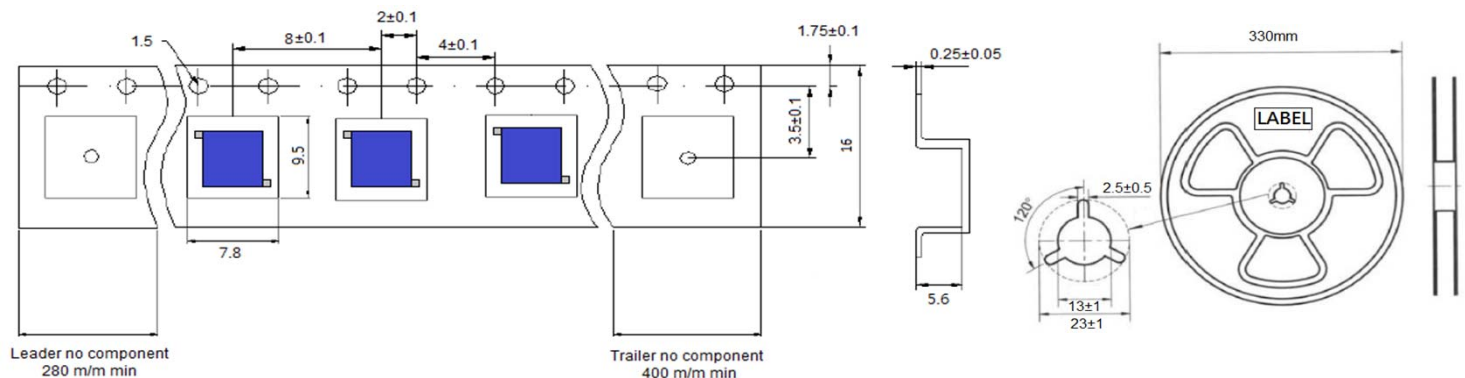
132E

■ Specifications

Flic No.	Inductance (nH)	Test Frequency (MHz)	Q Min	SRF Min (GHz)	DCR Max (mΩ)	I _{rms} (A)
SAC 132E-09	90 ± 5%	50	100	1.0	14.0	3.5
SAC 132E-10	111 ± 5%	50	100	1.0	12.5	3.5
SAC 132E-11	130 ± 5%	50	100	0.9	14.0	3.0
SAC 132E-12	169 ± 5%	50	100	0.8	16.0	3.0
SAC 132E-13	206 ± 5%	50	100	0.7	14.0	3.0
SAC 132E-14	222 ± 5%	50	100	0.7	17.0	3.0
SAC 132E-15	246 ± 5%	50	100	0.6	22.0	3.0
SAC 132E-16	307 ± 5%	50	100	0.5	28.0	3.0
SAC 132E-17	380 ± 5%	50	100	0.5	31.0	2.5
SAC 132E-18	422 ± 5%	50	100	0.4	41.0	2.5
SAC 132E-19	491 ± 5%	50	100	0.4	44.0	2.0
SAC 132E-20	538 ± 5%	50	100	0.4	53.0	2.0

- Test Frequency: 50MHz, 0.1V_{rms}, 0 Adc.
- Tolerance: G (± 2%) , J (± 5%), K (± 10%)
- Average current for 40°C temperature rise from 25°C
- Electrical specifications at 25°C
- Operating temperature range: -40°C ~ +85°C
- Storage Temp: -40°C ~ +85°C

■ Package:



- Package: Q'TY / Reel
SAC 132E---1K/pcs