



### ■ Features:

- High Q over a wide frequency range
- mechanical stability and very close tolerance forms a flat top making them suitable
- Current handling as high as 2.9 Amps
- Terminations RoHS compliant tin-silver over copper

### ■ Applications:

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

### ■ Parts code:

**SAC 0806HQ**

Type

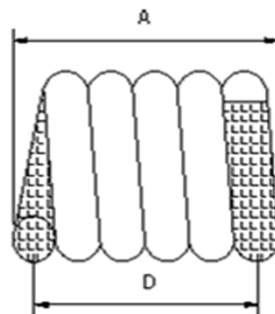
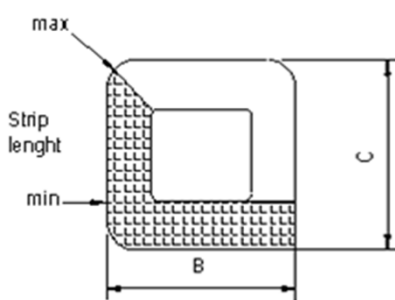
**12N**

Inductance code

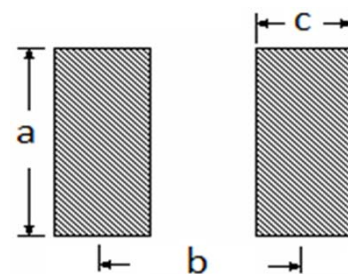
**J**

Tolerance: J : ± 5%

### ■ Outline Dimension:



### ■ Land Pattern:



Dimensions in mm

Flic No.	A	B	C	D	a	b	c
	± 0.152	± 0.254	± 0.102	Typ.	Typ.	Typ.	Typ.
SAC 0806HQ- 5N5J	1.346	1.829	1.397	0.962	2.60	0.962	0.51
SAC 0806HQ- 6N0J	1.295	1.829	1.397	0.990	3.05	0.990	0.51
SAC 0806HQ- 8N9J	1.626	1.829	1.397	1.270	3.05	1.270	0.51
SAC 0806HQ- 12NJ	1.930	1.829	1.397	1.630	3.05	1.630	0.51
SAC 0806HQ- 16NJ	2.286	1.829	1.397	1.960	3.05	1.960	0.51
SAC 0806HQ- 19NJ	2.591	1.829	1.397	2.290	3.05	2.290	0.51

# SMD Air Spring Coil

## SAC 0806HQ

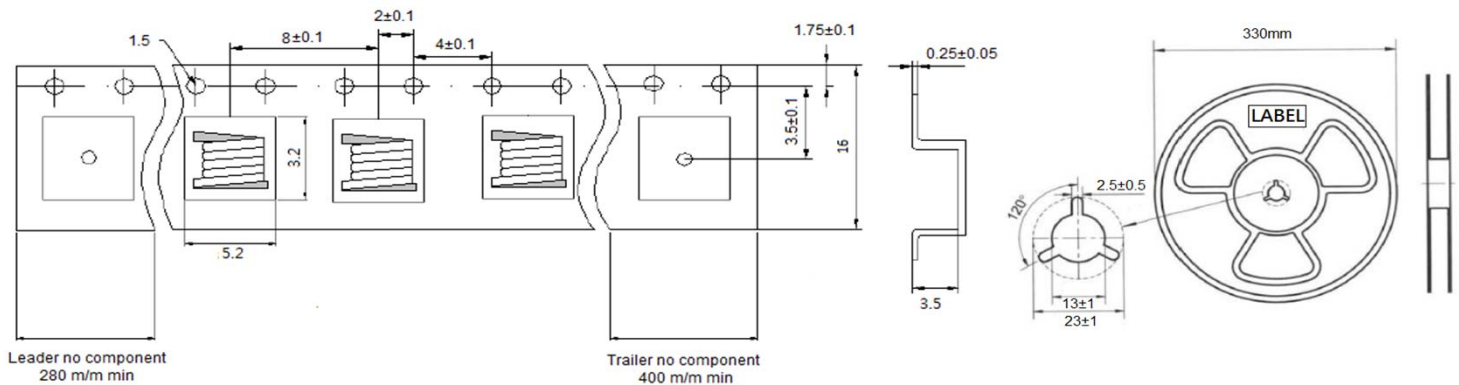


SAC 0806HQ

### Specifications

Flic No.	Inductance ( nH )	Test Frequency (MHz)	Q Tpy.	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 0806HQ- 5N5J	5.5	400	60	4.9	3.4	2.9
SAC 0806HQ- 6N0J	6.0	400	64	5.2	6.0	2.9
SAC 0806HQ- 8N9J	8.9	400	90	4.3	7.0	2.9
SAC 0806HQ- 12NJ	12.3	400	90	4.8	8.0	2.9
SAC 0806HQ- 16NJ	15.7	400	90	4.4	9.0	2.9
SAC 0806HQ- 19NJ	19.4	400	90	4.0	10.0	2.9

- Test Frequency: 400MHz, 0.1Vrms, 0 Adc.
- Tolerance: G (± 2%) , J (± 5%)
- 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-0806HQ---6K/pcs