



### ■ 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 5.5 Amps
- Terminations RoHS compliant tin-silver over copper

### ■ Applications:

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

### ■ Parts code:

**SAC 1111HQ**

Type

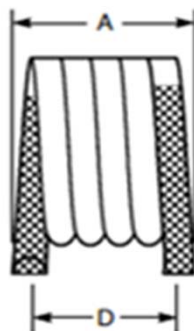
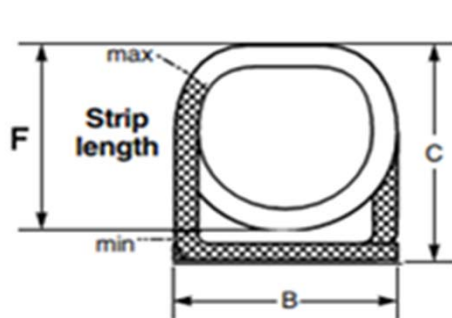
**27N**

Inductance code

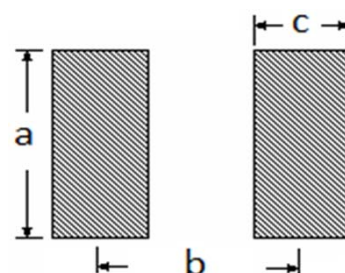
**J**

Tolerance: J : ± 5%

### ■ Outline Dimension:



### ■ Land Pattern:



Dimensions in mm

Flic No.	A	B	C	D	a	b	c
	± 0.254	± 0.127	± 0.127	Typ.	Typ.	Typ.	Typ.
SAC 1111HQ- 27NJ	2.67	2.67	2.79	2.29	3.05	2.29	1.02
SAC 1111HQ- 30NJ	2.67	2.67	2.79	2.29	3.05	2.29	1.02
SAC 1111HQ- 33NJ	2.92	2.67	2.79	2.54	3.05	2.54	1.02
SAC 1111HQ- 36NJ	2.92	2.67	2.79	2.54	3.05	2.54	1.02
SAC 1111HQ- 39NJ	2.92	2.67	2.79	2.54	3.05	2.54	1.02
SAC 1111HQ- 43NJ	3.3	2.67	2.79	2.79	3.05	2.79	1.02
SAC 1111HQ- 47NJ	3.3	2.67	2.79	2.79	3.05	2.79	1.02

# SMD Air Spring Coil

## SAC 1111HQ

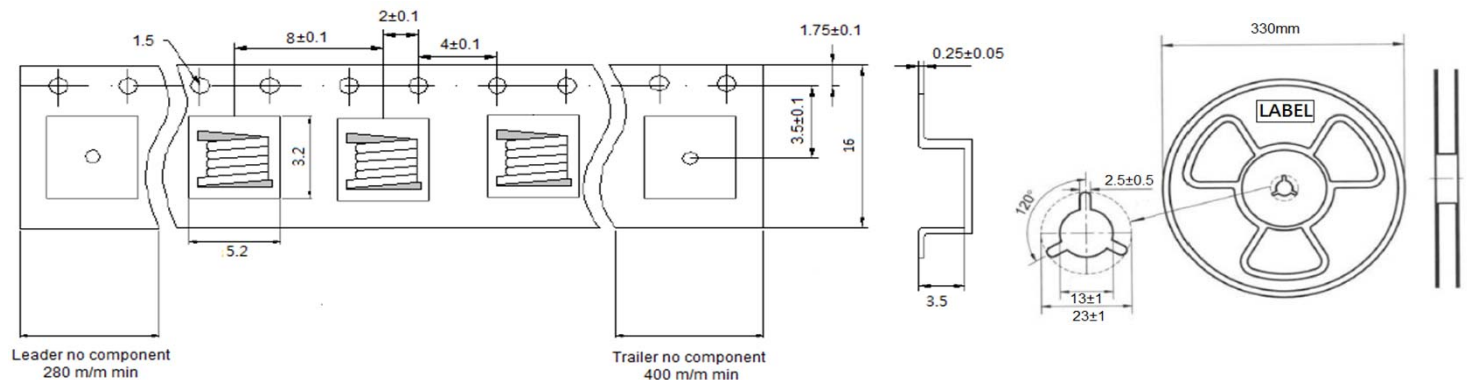


SAC 1111HQ

### Specifications

Flic No.	Inductance ( nH )	Test Frequency (MHz)	Q Tpy.	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 1111HQ- 27NJ	27	400	200	2.6	8.1	5.5
SAC 1111HQ- 30NJ	30	400	200	2.4	8.3	5.5
SAC 1111HQ- 33NJ	33	400	200	2.3	9.5	4.8
SAC 1111HQ- 36NJ	36	400	200	2.3	9.8	4.8
SAC 1111HQ- 39NJ	39	400	200	2.2	10.0	4.8
SAC 1111HQ- 43NJ	43	400	200	2.2	10.8	4.4
SAC 1111HQ- 47NJ	47	400	200	2.2	11.3	4.4

- Test Frequency: 400MHz, 0.1Vrms, 0 Adc.
- Tolerance: G ( $\pm 2\%$ ), J ( $\pm 5\%$ )
- 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-1111HQ---4K/pcs