



■ 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 2.7 Amps
- Terminations RoHS compliant tin-silver over copper

■ Applications:

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

■ Parts code:

SAC 0807HQ

Type

10N

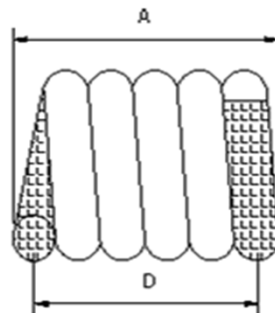
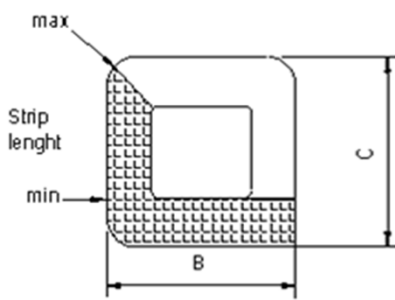
Inductance code

J

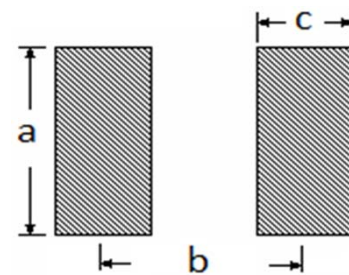
Tolerance: J : ± 5%

K : ± 10%

■ Outline Dimension:



■ Land Pattern:

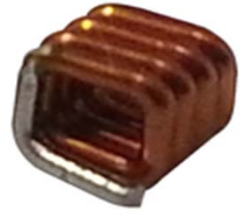


Dimensions in mm

Flic No.	A	B	C	D	a	b	c
	± 0.152	± 0.254	± 0.102	Typ.	Typ.	Typ.	Typ.
SAC 0807HQ- 6N9K	1.295	1.834	1.524	1.020	2.60	1.020	0.51
SAC 0807HQ- 10NJ	1.626	1.834	1.524	1.320	2.60	1.320	0.51
SAC 0807HQ- 11NJ	1.549	1.834	1.524	1.240	2.60	1.240	0.51
SAC 0807HQ- 14NJ	1.930	1.834	1.524	1.524	2.60	1.524	0.51
SAC 0807HQ- 17NJ	2.286	1.834	1.524	1.524	2.60	1.524	0.51
SAC 0807HQ- 22NJ	2.591	1.834	1.524	1.524	2.60	1.524	0.51

SMD Air Spring Coil

SAC 0807HQ

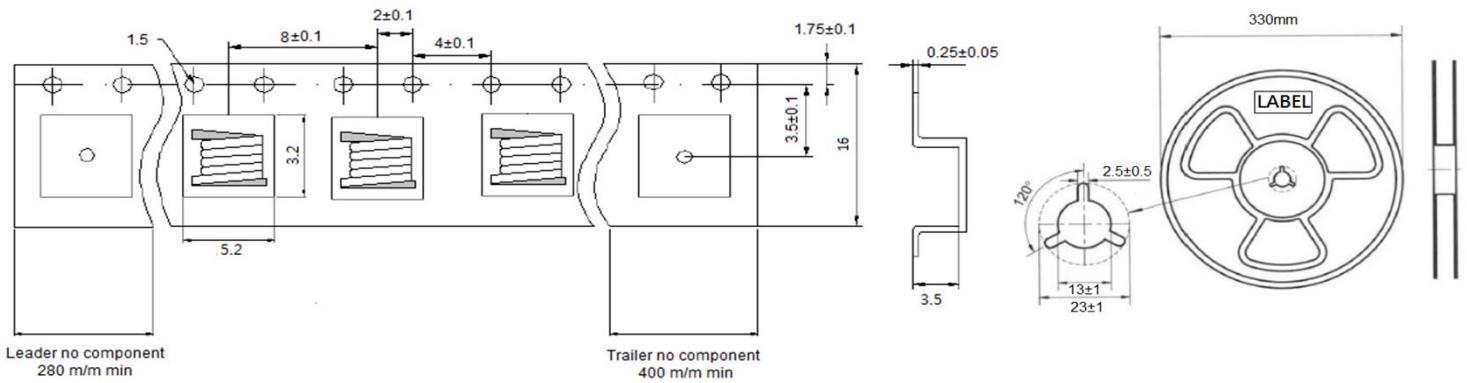


SAC 0807HQ

Specifications

Flic No.	Inductance (nH)	Test Frequency (MHz)	Q Tpy.	SRF Min (GHz)	DCR Max (mΩ)	Irms (A)
SAC 0807HQ- 6N9K	6.9	400	100	4.6	6.0	2.7
SAC 0807HQ- 10NJ	10.2	400	100	4.0	7.0	2.7
SAC 0807HQ- 11NJ	11.2	400	90	3.6	6.3	2.7
SAC 0807HQ- 14NJ	13.7	400	100	4.3	8.0	2.7
SAC 0807HQ- 17NJ	17.0	400	100	4.0	9.0	2.7
SAC 0807HQ- 22NJ	22.0	400	100	3.5	10.0	2.7

- 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-0807HQ---6K/pcs