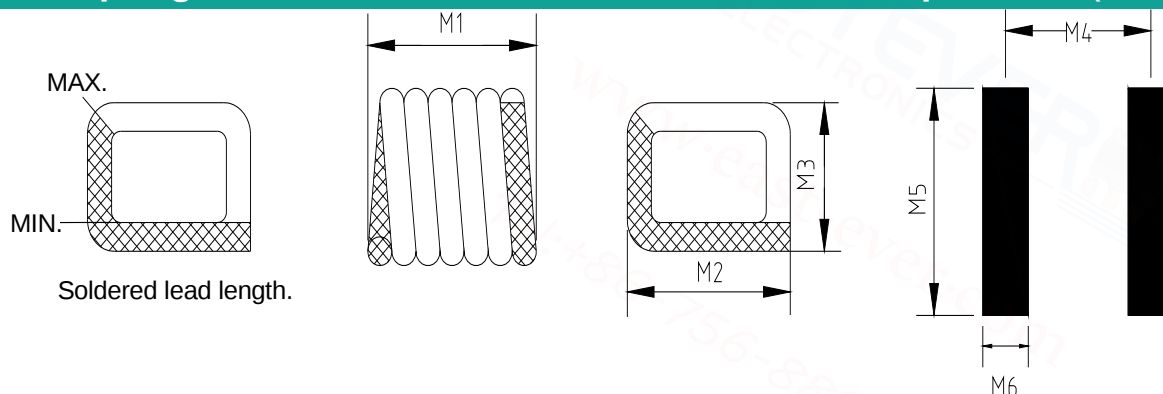


Square Spring Inductors Features

- Air core inductors feature high Q and current handling
- Acrylic top provides a flat surface for pick and place
- Solder coated leads ensure reliable soldering
- Operating temperature range: -40°C to $+125^{\circ}\text{C}$
- Storage temperature range: -55°C to $+145^{\circ}\text{C}$



Square Spring Inductors Dimensions & Recommended patterns. (Unit In mm)

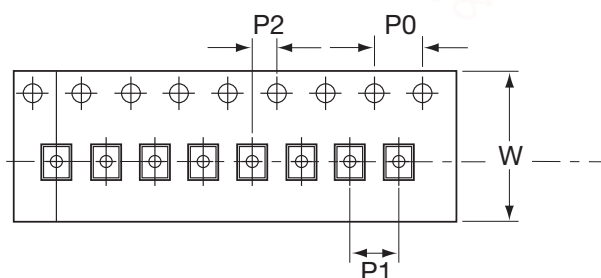


Part Number	M1	M2	M3	M4	M5	M6	Weight (mg)	Tape pocket Depth (mm)
SSAC0807-6N9J	1,295±0,102	1,829±0,254	1,524±0,254	1,02	2,6	0,51	9,1	1,60
SSAC0807-10NJ	1,626±0,152	1,829±0,254	1,524±0,254	1,32	2,6	0,51	11,5	1,57
SSAC0807-11NJ	1,549±0,152	1,829±0,254	1,524±0,254	1,24	2,6	0,51	11,5	1,55
SSAC0807-14NJ	1,930±0,152	1,829±0,254	1,524±0,254	1,63	2,6	0,51	14,0	1,60
SSAC0807-17NJ	2,286±0,152	1,829±0,254	1,524±0,254	1,96	2,6	0,51	16,8	1,68
SSAC0807-22NJ	2,591±0,152	1,829±0,254	1,524±0,254	2,29	2,6	0,51	19,4	1,68

Specification

Part number	Inductance (nH)	tol	Q typ	SRF typ (GHz)	DCR max (mOhm)	I _{rms} (A)	Test Freq (MHz)
SSAC0807-6N9J	6.9	±5%	100	4.6	6.0	2.7	400
SSAC0807-10NJ	10.2	±5%	100	4.0	7.0	2.7	400
SSAC0807-11NJ	11.2	±5%	90	3.6	6.3	2.7	400
SSAC0807-14NJ	13.7	±5%	100	4.3	8.0	2.7	400
SSAC0807-17NJ	17.0	±5%	100	4.0	9.0	2.7	400
SSAC0807-22NJ	22.0	±5%	100	3.5	10.0	2.7	400

Tape & Reel Information



Parameter	Units	Value
Qty per reel	PCS	5000
Reel Size	mm	330
Tape Width	mm	12.00
Po	mm	4.00
P1	mm	4.00
P2	mm	2.00

