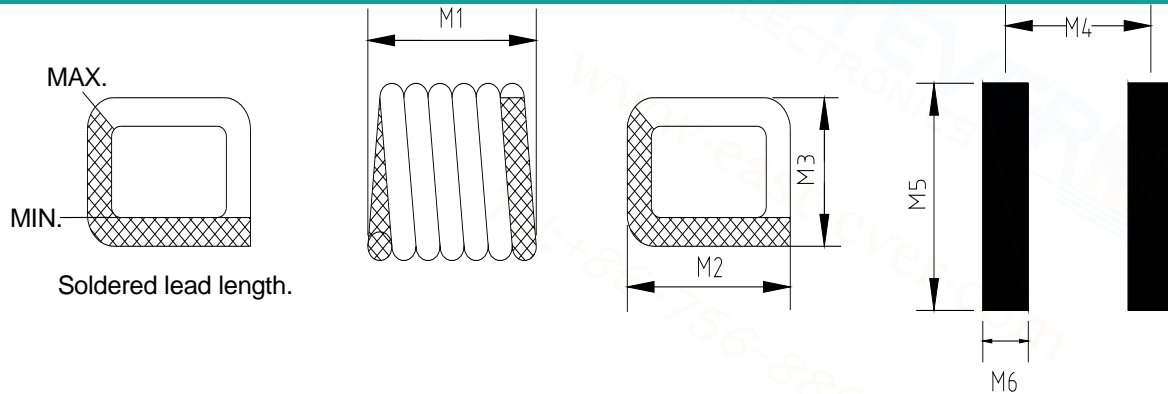


Square Spring Inductors Features

- 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)

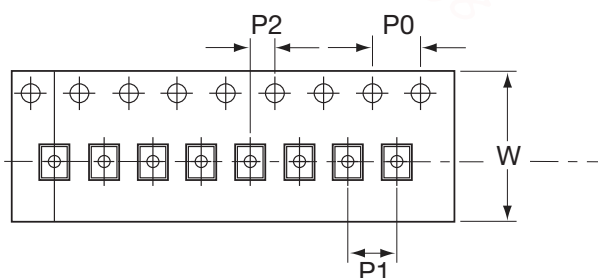


Part Number	M1	M2	M3	M4	M5	M6	Weight (mg)	Tape pocket Depth (mm)
SSAC0806-5N5J	1,346±0.102	1,829±0.254	1,397±0.102	0,962	2,6	0,51	9,9	1,42
SSAC0806-6N0J	1,295±0,102	1,829±0,254	1,397±0,102	1,02	2,6	0,51	8,5	1,42
SSAC0806-8N9J	1 626±0.152	1,829±0.254	1,397±0.102	1,32	2.6	0.51	10.8	1.55
SSAC0806-12NJ	1,930±0,152	1,829±0,254	1,397±0,102	1,63	2,6	0,51	13,6	1,52
SSAC0806-16NJ	2,286±0,152	1,829±0,254	1,397±0,102	1,96	2,6	0,51	16,1	1,50
SSAC0806-19NJ	2,591±0,152	1,829±0,254	1,397±0,102	2,29	2,6	0,51	18,7	1,55

Specification

Part number	Inductance (nH)	tol	Q typ	SRF typ (GHz)	DCR max (mOhm)	I _{rms} (A)	Test Freq (MHz)
SSAC0806-5N5J	5.5	±5%	60	4.9	3.4	2.9	400
SSAC0806-6N0J	6.0	±5%	64	5.2	6.0	2.9	400
SSAC0806-8N9J	8.9	±5%	90	4.3	7.0	2.9	400
SSAC0806-12NJ	12.3	±5%	90	4.8	8.0	2.9	400
SSAC0806-16NJ	15.7	±5%	90	4.4	9.0	2.9	400
SSAC0806-19NJ	19.4	±5%	90	4.0	10.0	2.9	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