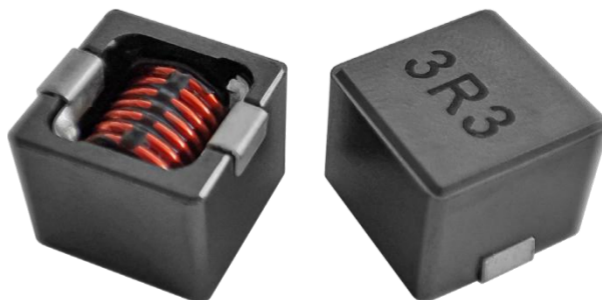


High Current Cube Inductor

◆ Product Description:

- 1.High current and Low DCR
- 2.Low profile for machine placement.
- 3.Minimize electromagnetic interference
- 4.Prevent EMI effect via precise impedance
- 5.Custom design available

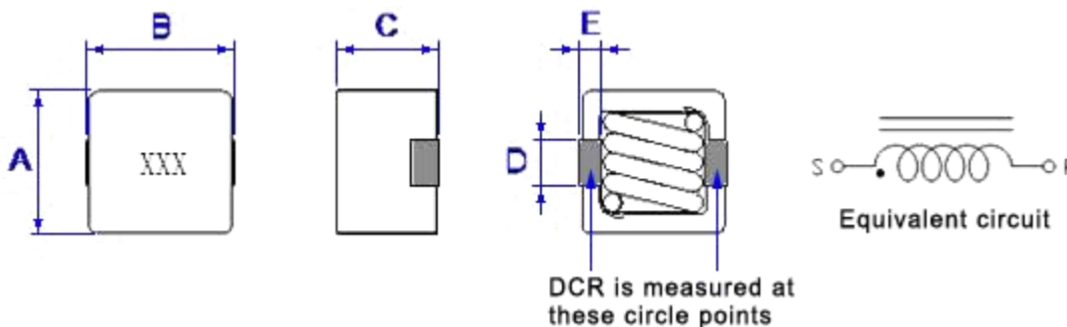


◆ Lead Free Part Numbering

SLA 0807 H 3R3 M T T
(1) (2) (3) (4) (5) (6) (7)

- (1).Series Type
- (2).Dimension
- (3).Material Code
- (4).Inductance: 3R3=3.3uH
- (5).Inductance Tolerance:M=±20%
- (6).Company Code
- (7).Packaging:T-Tape&reel

◆ Dimensions:(mm)



Series	A	B	C	D	E
SLA0807H	7.9±0.4	8.4±0.4	7.2±0.4	2.3±0.2	1.5±0.2
SLA1009H	10.0±0.4	10.9±0.4	9.3±0.4	3.0±0.2	1.6±0.2
SLA1210H	11.4±0.4	12.1±0.4	9.5±0.5	3.5±0.2	2.0±0.2

◆ Electrical Characteristics:

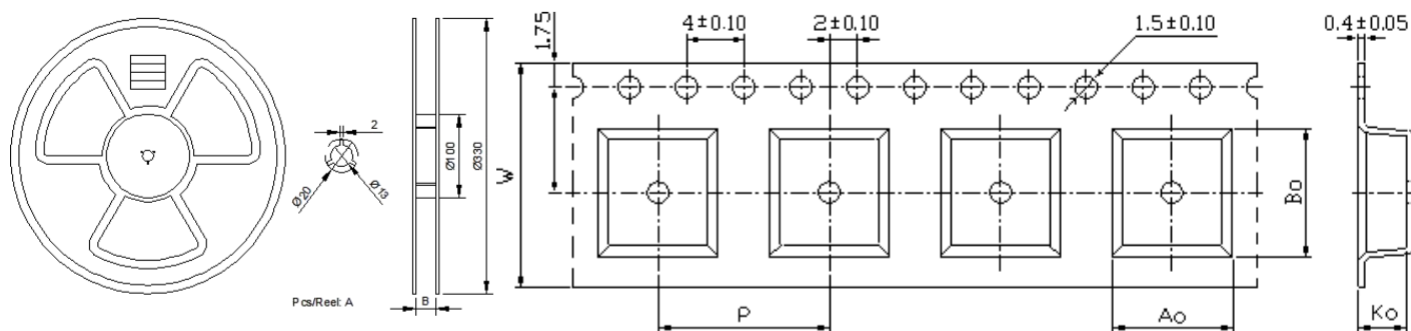
Part No	L(0A)	Irms(A) Type	Isat(A) Type	DCR(m Ω)	
	uH ±20%			Type	Max
SLA0807H Series					
SLA0807HR30MTT	0.3	20.5	36	2.3	2.7
SLA0807HR47MTT	0.47	19	32	2.65	3.1
SLA0807HR56MTT	0.56	19	28	2.65	3.1
SLA0807HR68MTT	0.68	19	23.5	2.65	3.1
SLA0807HR82MTT	0.82	17	23	3.6	3.9
SLA0807H1R0MTT	1.0	17	24	3.6	3.9
SLA0807H1R5MTT	1.5	16.5	18.5	5.3	5.6
SLA0807H2R2MTT	2.2	16.5	12.5	5.3	5.6
SLA0807H3R3MTT	3.3	14.0	8.5	7.5	8.2
SLA0807H4R7MTT	4.7	7.5	8.0	12.7	13.5
SLA0807H6R8MTT	6.8	5.5	7.5	23.3	24
SLA0807H100MTT	10	4.4	7.0	38.5	41

Part No	L(A)	Irms(A) Type	Isat(A) Type	DCR(m Ω)	
	uH ±20 %			Type	Max
SLA1009H Series					
SLA1009HR22MTT	0.22	21.5	60	1.4	1.6
SLA1009HR33MTT	0.33	21.5	55	1.4	1.6
SLA1009HR47MTT	0.47	20.5	47	1.6	1.85
SLA1009HR68MTT	0.68	20	38	2.15	2.65
SLA1009HR82MTT	0.82	20	36	2.15	2.65
SLA1009H1R0MTT	1.0	20	27.5	2.15	2.65
SLA1009H1R5MTT	1.5	18	27	3.35	4.0
SLA1009H2R2MTT	2.2	16.5	22	4.6	4.8
SLA1009H3R3MTT	3.3	14	15.5	6.5	7.15
SLA1009H4R7MTT	4.7	13	15	9.4	9.9
SLA1009H6R8MTT	6.8	11.5	11	14.15	15
SLA1009H8R2MTT	8.2	11.5	8	14.15	15
SLA1009H100MTT	10	9	8	22.75	23.1

Part No	L(A)	Irms(A) Type	Isat(A) Type	DCR(m Ω)	
	uH ±20 %			Type	Max
SLA1210H Series					
SLA1210HR22MTT	0.22	27	60	1.1	1.5
SLA1210HR33MTT	0.33	27	55	1.1	1.5
SLA1210HR47MTT	0.47	26	48	1.35	1.85
SLA1210HR68MTT	0.68	26	38	1.35	1.85
SLA1210HR82MTT	0.82	24	36	1.85	2.5
SLA1210H1R0MTT	1.0	24	32	1.85	2.5
SLA1210H1R5MTT	1.5	19.5	27	2.95	3.5
SLA1210H2R2MTT	2.2	18	23	3.9	4.3
SLA1210H3R3MTT	3.3	17	17	5.2	5.7
SLA1210H4R7MTT	4.7	15.5	15.5	7.25	7.9
SLA1210H6R8MTT	6.8	13	13	10.15	11
SLA1210H8R2MTT	8.2	13	12	10.6	11.8
SLA1210H100MTT	10	9	10	15.35	16.7

※ 1.All data is tested based on 25°C ambient temperature.
2.Inductance measure condition at 100kHz,0.1V.

◆ Packing Information(mm)



Series	A(Pcs/Reel)	B	W	P	A ₀	B ₀	K ₀
SLA0807H Series	500	24.5±0.2	24	16	8.0±0.1	9.0±0.1	7.0±0.15
SLA1009H Series	400	24.5±0.2	24	16	10.4±0.2	11.3±0.2	10.0TYP
SLA1210H Series	300	24.5±0.2	24	20	11.8±0.1	12.5±0.1	10.5TYP

◆ Typical Pulling Force: 10-130 grams:

