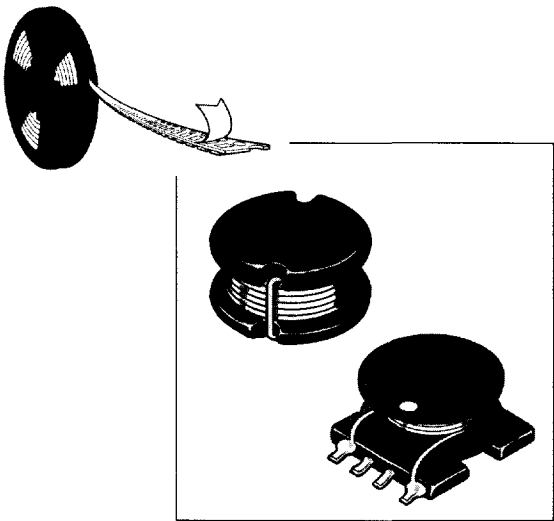


Key features

- high current capability
- available in E12 series values
- ferrite core
- up to 2.3 amps
- down to only 7.8mm diameter
- high reliability
- taped and reeled
- low cost



SMD Inductors

type 3631 series

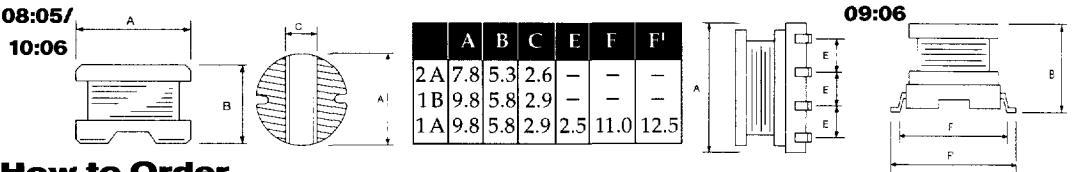
A modern range of surface mount high current inductors, suited to a range of industrial applications. Low cost, three convenient sizes and large area terminals providing excellent solder flow connections, are key design advantages of the 3631 series.

Packaging:
2A - 1000 Pieces (13" Reel)
1B - 1000 Pieces (13" Reel)
1A - 700 Pieces (13" Reel)

Specification

Electrical			3631 - 2A		3631 - 1B		3631 - 1A	
Inductance Code	Inductance (μ H)	Tolerance ($\pm$ %)	Rdc Max (Ω)	Idc (A) Max	Rdc Max (Ω)	Idc (A) Max	Rdc Max (Ω)	Idc (A) Max
100	10.0	20	0.07	2.30	0.06	2.60	0.09	2.10
120	12.0	20	0.08	2.00	0.07	2.45	0.10	2.00
150	15.0	20	0.09	1.80	0.08	2.25	0.11	1.90
180	18.0	20	0.10	1.60	0.09	2.15	0.12	1.80
220	22.0	20	0.11	1.50	0.10	1.95	0.13	1.60
270	27.0	10	0.12	1.30	0.11	1.75	0.15	1.40
330	33.0	10	0.14	1.20	0.12	1.50	0.18	1.25
390	39.0	10	0.16	1.10	0.14	1.35	0.19	1.15
470	47.0	10	0.20	1.00	0.17	1.25	0.23	1.10
560	56.0	10	0.24	0.94	0.19	1.15	0.26	1.05
680	68.0	10	0.30	0.85	0.22	1.10	0.31	1.00
820	82.0	10	0.37	0.78	0.25	1.00	0.33	0.95
101	100.0	10	0.45	0.72	0.35	0.97	0.39	0.90
121	120.0	10	0.48	0.66	0.40	0.89	0.43	0.85
151	150.0	10	0.68	0.58	0.47	0.78	0.56	0.75
181	180.0	10	0.77	0.51	0.63	0.72	0.64	0.70
221	220.0	10	0.96	0.49	0.73	0.66	0.85	0.60
271	270.0	10	1.11	0.42	0.97	0.57	1.00	0.55
331	330.0	10	1.26	0.40	1.15	0.52	1.27	0.50
391	390.0	10	1.77	0.36	1.30	0.48	1.40	0.45
471	470.0	10	1.96	0.34	1.48	0.42	1.63	0.40
561	560.0	10	-	-	1.90	0.33	2.10	0.32
681	680.0	10	-	-	2.25	0.28	2.40	0.28
821	820.0	10	-	-	2.55	0.24	2.75	0.24
102	1000	10	-	-	-	-	3.50	0.22
122	1200	10	-	-	-	-	4.00	0.20

Dimensions



How to Order

Common Part	Package Style	Inductance Code	Tolerance	Pack Style
3631	2A - 0805 Size 1B - 1006 Size 1A - 0906 Size	See table above for inductance code	K - $\pm$ 10% M - $\pm$ 20%	TM - Tape & Reeled

Please Request Full Data Sheet F0733

sales action desk (01793) 611666
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