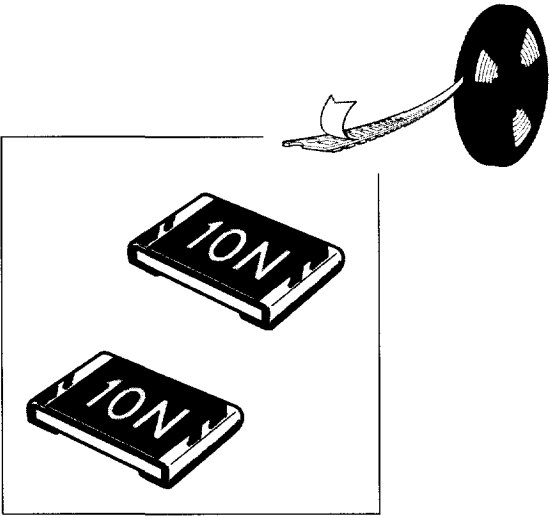


high current, low profile



Key features

- down to 06:03 case size •
- low inductor values •
- low dc resistance •
- high Q factor •
- 2% and 5% tolerance •
- high self resonant frequency •
- suitable for reflow soldering •
- taped and reeled •

SMD Inductors

Specification

Electrical

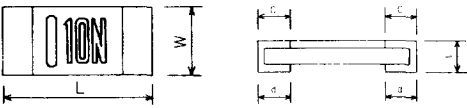
type 3640 series

			06:03 (1J)				08:05 (2A)				12:06 (2B)			
Inductance Code	Inductance (nH)	Tolerance (±)	S.R.F. (MHz)	Q Min	Rdc Max	Idc Max	S.R.F. (MHz)	Q Min	Rdc Max	Idc Max	S.R.F. (MHz)	Q Min	Rdc Max	Idc Max
1N0	1.0	0.2nH	3000	20	0.25	150	-	-	-	-	-	-	-	-
1N2	1.2	0.2nH	3000	20	0.25	150	-	-	-	-	-	-	-	-
1N5	1.5	0.2nH	3000	20	0.25	150	-	-	-	-	-	-	-	-
1N8	1.8	0.2nH	3000	20	0.25	150	-	-	-	-	-	-	-	-
2N2	2.2	0.2nH/2%/5%	3000	20	0.25	150	3000	25	0.25	180	3000	25	0.25	350
2N7	2.7	0.2nH/2%/5%	3000	20	0.25	150	3000	25	0.25	180	3000	25	0.25	350
3N3	3.3	0.2nH/2%/5%	3000	20	0.25	150	3000	25	0.25	180	3000	25	0.25	350
3N9	3.9	0.2nH/2%/5%	3000	20	0.25	150	3000	25	0.25	180	3000	35	0.25	350
4N7	4.7	0.2nH/2%/5%	3000	20	0.5	100	3000	25	0.5	125	3000	35	0.5	250
5N6	5.6	5%/2%	3000	25	0.5	100	3000	25	0.5	125	3000	35	0.5	250
6N8	6.8	5%/2%	3000	25	0.5	100	3000	25	0.5	125	3000	35	0.5	250
8N2	8.2	5%/2%	3000	25	0.5	100	3000	25	0.5	125	3000	35	0.5	250
010	10	5%/2%	2500	25	1.0	80	2500	25	1.0	90	2500	40	0.5	250
012	12	5%/2%	2500	25	1.0	80	2500	25	1.0	90	2500	40	0.5	250
015	15	5%/2%	2000	25	1.0	80	2000	25	1.0	90	2000	40	1.0	180
018	18	5%/2%	1500	10	1.5	50	-	-	(Ω) (mA)	2000	40	1.0	180	
022	22	5%/2%	1500	10	1.5	50	-	-	-	-	1500	40	1.0	180
027	27	5%/2%	1000	10	2.5	30	-	-	-	-	1500	25	1.0	180
033	33	5%/2%	1000	10	2.5	30	-	-	-	-	1000	25	2.0	120
039	39	5%/2%	600	10	2.5	30	-	-	-	-	1000	25	2.0	120
047	47	5%/2%	600	10	2.5	30	-	-	-	-	1000	25	2.0	120
			(Ω) (mA)						(Ω) (mA)					

The 3640 series is an innovative thin film chip inductor designed for high frequency applications in the communications industry. This inductor combines very small size (to 06:03) with a robustness and durability only previously seen in moulded parts. Available in values down to 1 nanohenrie and 3 flexible sizes, this is the perfect answer.

Dimensions

Style	L ±0.2	W	C	d	t ±0.2
1J	1.6	0.8 ±0.1	0.3 ±0.1	0.3 ±0.1	0.5
2A	2.0	1.25 ±0.2	0.4 ±0.2	0.3 ±0.2	0.5
2B	3.2	1.6 ±0.2	0.5 ±0.2	0.4 ±0.2	0.6



Packaging:
4000 Pieces (7" Reel)

How to Order

3640	T	1N0	J
Common Part	Package Size	Inductance Value	Tolerance
3640	1J - 06:03 Size 2A - 08:05 Size 2B - 12:06 Size	See table above for inductance code	A - ±0.2nH G - ±2% J - ±5%

Please Request Full Data
Sheet F0727