



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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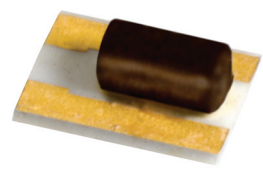
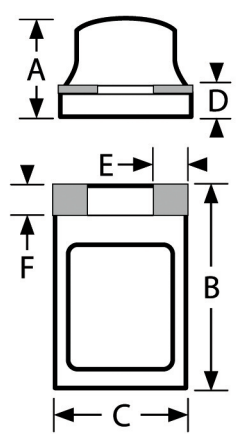
**SERIES**

**106  
Micro i®**



**Wire Bondable Chip Inductors**

INDUCTANCE (µH) ±10%  
DASH NUMBER\*  
TEST FREQUENCY (MHz)  
Q MINIMUM  
SRF MINIMUM (MHz)  
MAXIMUM (OHMS)  
DC RESISTANCE  
CURRENT RATING  
MAXIMUM (mA)



Actual Size

**Physical Parameters**

	Inches	Millimeters
A	0.075 Max.	1.91 Max.
B	0.155 Max.	3.94 Max.
C	0.110 Max.	2.79 Max.
D	0.015 Ref.	0.38 Ref.
E	0.030 ± 0.005	0.76 ± 0.13
F	0.025 Min.	0.64 Min.

**Weight Max.** (Grams) 0.2

**Current Rating at 90°C Ambient** 35°C Rise

**Operating Temperature** -55°C to +125°C

**Maximum Power Dissipation at 90°C** 0.140 W

**Termination Areas** Gold plated per MIL-G-45204, Type III; Grade A. Internal Connections are Thermal Compression Bonded

**\*\*Note** Self Resonant Frequency (SRF) values above 230 MHz are calculated and for reference only

**Packaging** Bulk only

**Made in the U.S.A**

SERIES 106 PHENOLIC CORE						
-100K	0.010	45	150	1700	0.070	1200
-120K	0.012	45	150	1600	0.070	1200
-150K	0.015	45	150	1500	0.070	1200
-180K	0.018	45	150	1400	0.070	1200
-220K	0.022	45	100	1300	0.070	1200
-270K	0.027	45	100	1200	0.070	1200
-330K	0.033	47	100	1100	0.070	1200
-390K	0.039	47	100	1000	0.070	1200
-470K	0.047	47	100	900	0.080	1100
-560K	0.056	47	100	850	0.090	1050
-680K	0.068	47	100	840	0.100	1000
-820K	0.082	47	100	750	0.110	960
SERIES 106 IRON CORE						
-101K	0.10	40	25.0	550	0.15	820
-121K	0.12	42	25.0	400	0.20	710
-151K	0.15	42	25.0	350	0.25	635
-181K	0.18	45	25.0	300	0.30	580
-221K	0.22	45	25.0	260	0.33	550
-271K	0.27	45	25.0	230	0.37	520
-331K	0.33	45	25.0	200	0.40	500
-391K	0.39	45	25.0	190	0.45	475
-471K	0.47	45	25.0	180	0.50	450
-561K	0.56	42	25.0	170	0.55	425
-681K	0.68	42	25.0	160	0.60	410
-821K	0.82	42	25.0	150	0.70	380
-102K	1.0	42	25.0	130	0.80	355
-122K	1.2	36	7.9	120	0.90	335
-152K	1.5	36	7.9	100	1.10	300
-182K	1.8	38	7.9	90	1.30	265
-222K	2.2	38	7.9	85	1.50	250
-272K	2.7	41	7.9	82	1.70	230
-332K	3.3	42	7.9	75	1.80	225
-392K	3.9	42	7.9	65	2.00	215
-472K	4.7	41	7.9	55	2.30	200
-562K	5.6	41	7.9	45	2.60	185
-682K	6.8	36	7.9	40	2.80	180
-822K	8.2	36	7.9	35	3.00	175
-103K	10.0	36	7.9	33	3.30	165
-123K	12.0	32	2.5	26	4.00	150
-153K	15.0	32	2.5	24	5.20	135
-183K	18.0	32	2.5	21	4.50	130
-223K	22.0	32	2.5	19	7.50	110
-273K	27.0	32	2.5	14	8.00	105
-333K	33.0	30	2.5	12	13.0	85
-393K	39.0	30	2.5	10	17.0	75
-473K	47.0	30	2.5	9.0	19.0	70

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

\*Complete part # must include series # PLUS the dash #

For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)