

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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

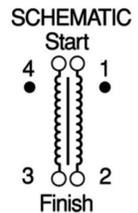
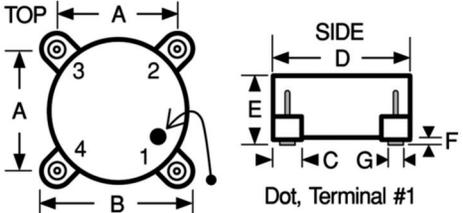
SERIES

**4448R
4448**



Surface Mount High Current Power Toroids

0 AMPS DC PARALLEL INDUCTANCE (μH) DASH NUMBER*
 RATED PARALLEL CURRENT MAXIMUM TOLERANCE
 PARALLEL DC RESISTANCE MAXIMUM (OHMS)
 0 AMPS DC RESIST. INDUCTANCE (μH)
 CURRENT TOLERANCE
 RATED SERIES DC MAXIMUM (AMPS)
 SERIES DC RESISTANCE MAXIMUM (OHMS)



Actual Size

Test Methods Solderability per MIL-STD-202, Method 208. Inductance tested at 10 kHz and zero Amp DC. Tested at 25°C

Mechanical Configuration A flat top surface mount case with excellent coplanarity of terminals.

Physical Parameters

	Inches	Millimeters
A	0.390 to 0.410	9.91 to 10.41
B	0.520 to 0.540	13.21 to 13.71
C	0.115 to 0.135	2.92 to 3.43
D	0.480 to 0.500	12.19 to 12.70
E	0.310 Max.	7.87 Max.
F	0.020 to 0.040	0.51 to 1.02
G	0.060 (Ref. only)	1.52 (Ref. only)

Electrical Configuration Two inductors per unit; internal terminals: #1(start) – #2(finish) & #4(start) – #3 (finish).

Series Externally connect #2 to #4.
Parallel Externally connect #1 to #4 and #2 to #3.

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

Rated DC Current Based upon 20°C temperature rise from 25°C ambient.

Maximum Power Dissipation at 25°C 0.313 Watts

Inductance Tolerance Tolerance is specified by suffixing an alpha character to the part number as follows: K = 10%, L = 15%. M = 20%. Units are normally supplied to the tolerance indicated in the tables.

Marking Delevan; inductance and tolerance. A white dot indicates the location of pin 1.

Example: 4448-102M
 DELEVAN
 .47uH±20%

Weight (Grams) 2.5 (Ref.)

Inductance at Rated DC Current Minimum percent of measured zero Amp DC Inductance.
 -02M to -34L = 60%; -102M to 134L = 50%

Packaging Tape & reel (24mm):
 13" reel, 350 pieces max.; 7" reel not available

	SERIES 4448 POWDERED IRON CORE							
-02M	0.47	± 20%	7.90	0.005	2.00	± 20%	3.95	0.020
-04M	0.68	± 20%	7.20	0.006	3.00	± 20%	3.60	0.024
-06M	1.00	± 20%	5.90	0.009	4.00	± 20%	2.95	0.036
-08M	2.00	± 20%	4.60	0.014	8.00	± 20%	2.30	0.056
-10M	5.00	± 20%	3.30	0.027	20.0	± 20%	1.65	0.108
-12M	8.00	± 20%	3.00	0.033	32.0	± 20%	1.50	0.132
-14L	10.0	± 15%	2.50	0.047	40.0	± 15%	1.25	0.188
-16L	15.0	± 15%	2.30	0.057	60.0	± 15%	1.15	0.228
-18L	20.0	± 15%	1.90	0.085	80.0	± 15%	0.95	0.340
-20L	25.0	± 15%	1.60	0.116	100	± 15%	0.80	0.464
-22L	33.0	± 15%	1.30	0.166	132	± 15%	0.65	0.664
-24L	50.0	± 15%	1.20	0.202	200	± 15%	0.60	0.808
-26L	68.0	± 15%	1.10	0.238	272	± 15%	0.55	0.952
-28L	100	± 15%	0.72	0.565	400	± 15%	0.36	2.260
-30L	150	± 15%	0.64	0.696	600	± 15%	0.32	2.784
-32L	200	± 15%	0.60	0.810	800	± 15%	0.30	3.240
-34L	300	± 15%	0.54	1.003	1200	± 15%	0.27	4.012

	SERIES 4448 FERROUS ALLOY CORE							
-102M	0.47	± 20%	7.90	0.004	2.00	± 20%	3.95	0.016
-104M	0.68	± 20%	7.00	0.005	3.00	± 20%	3.50	0.020
-106M	1.00	± 20%	6.50	0.006	4.00	± 20%	3.25	0.024
-108M	2.00	± 20%	5.90	0.007	8.00	± 20%	2.95	0.028
-110M	5.00	± 20%	4.40	0.014	20.0	± 20%	2.20	0.056
-112M	8.00	± 20%	3.50	0.019	32.0	± 20%	1.75	0.076
-114L	10.0	± 15%	3.40	0.020	40.0	± 15%	1.70	0.080
-116L	15.0	± 15%	3.00	0.024	60.0	± 15%	1.50	0.096
-118L	20.0	± 15%	2.10	0.055	80.0	± 15%	1.05	0.220
-120L	25.0	± 15%	2.00	0.064	100	± 15%	1.00	0.254
-122L	33.0	± 15%	1.80	0.072	132	± 15%	0.90	0.288
-124L	50.0	± 15%	1.50	0.111	200	± 15%	0.75	0.444
-126L	68.0	± 15%	1.20	0.158	272	± 15%	0.60	0.632
-128L	100	± 15%	0.92	0.303	400	± 15%	0.46	1.212
-130L	150	± 15%	0.82	0.372	600	± 15%	0.41	1.488
-132L	200	± 15%	0.64	0.545	800	± 15%	0.32	2.180
-134L	300	± 15%	0.62	0.672	1200	± 15%	0.31	2.688

*Complete part # must include series # PLUS the dash #
 For surface finish information, refer to www.delevanfinishes.com

