



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!



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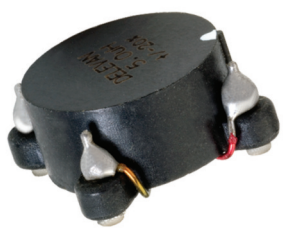
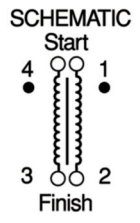
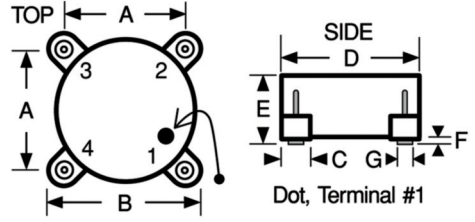
SERIES

4501R
4501



Surface Mount Low-Profile Power Toroids

0 AMPS DC INDUCTANCE ±20% (µH @ 10 kHz)
DCR (OHMS) MAXIMUM
RATED DC CURRENT (Amps) MAXIMUM
INDUCTANCE (µH) MINIMUM @ Rated DC Current



Actual Size



SERIES 4501 FERROUS ALLOY CORE				
Parallel Connected Specifications				
-102M	0.47	0.005	6.50	0.30
-104M	0.68	0.006	5.50	0.40
-106M	1.00	0.008	5.00	0.60
-108M	2.00	0.010	4.50	1.20
-110M	5.00	0.020	3.00	3.00
-112M	8.00	0.025	2.70	4.80
-114M	10.0	0.030	2.50	6.00
-116M	15.0	0.060	1.70	9.50
-118M	20.0	0.080	1.50	12.0
-120M	25.0	0.090	1.40	15.0
-122M	33.0	0.105	1.40	20.0
-124M	50.0	0.200	0.95	30.0
-126M	68.0	0.300	0.80	40.0
-128M	100.0	0.400	0.65	60.0
-130M	150.0	0.550	0.60	90.0
-132M	200.0	0.750	0.45	120.0
-134M	300.0	1.100	0.40	180.0

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

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

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

Physical Parameters

	Inches	Millimeters
A	0.285 ± 0.010	7.24 ± 0.25
B	0.360 ± 0.010	9.14 ± 0.25
C	0.060 ± 0.010	1.52 ± 0.25
D	0.350 ± 0.010	8.90 ± 0.25
E	0.200 ± 0.010	5.08 ± 0.25
F	0.025 ± 0.010	0.64 ± 0.25
G	0.040 (Ref.)	1.02 (Ref.)

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

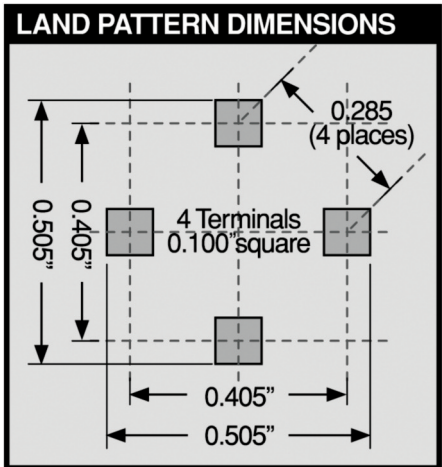
Series Externally connect #2 to #4.
Parallel Externally connect #1 to #4 and #2 to #3.

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 0.230 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. Note: RoHS component components will be marked with 4501R.
Example: 4501-102

DELEVAN
.47µH±20%



Series Connected Specifications

Inductance Four (4) times parallel inductance specifications.
DCR Four (4) times parallel DCR specifications.
Rated DC Current minimum One-half of parallel Rated DC Current specifications.
Packaging Tape & reel (24mm): 13" reel, 600 pieces max.; 7" reel not available
Weight (Grams) 1.0 (Ref.)