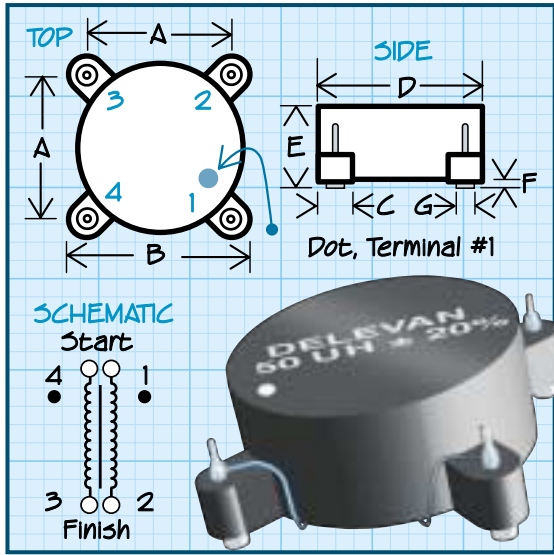


Surface Mount
Low-Profile Power Toroids

POWER INDUCTORS



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

Electrical Characteristics Measured at +25°C

Rated DC Current Based upon 20°C temperature rise from 25°C ambient and zero Amp DC

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 Parts are printed with Delevan, Inductance Value, tolerance, and dot at terminal #1.

DASH NUMBER*

0 AMPS DC INDUCTANCE
±20% (µH @ 10kHz)

DCR (Ohms) Max.

RATED DC CURRENT
(Amps) Max

INDUCTANCE (µH) Min. @
Rated DC Current

SERIES 4501 FERROUS ALLOY CORE

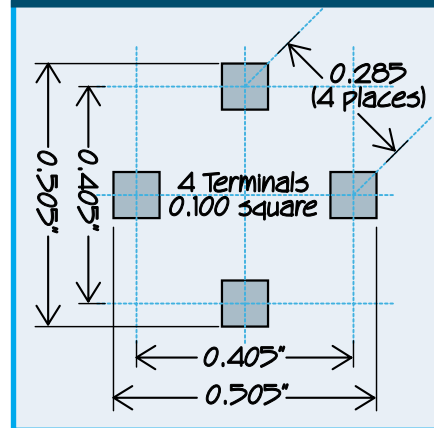
Parallel Connected Specifications

-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 further surface finish information, refer to TECHNICAL section of this catalog.

LAND PATTERN DIMENSIONS



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