



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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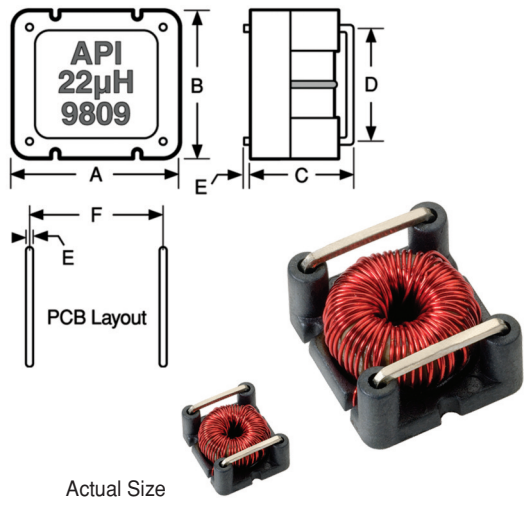
SERIES

**LLSTR
LLST**



Low Loss Surface Mount Power Toroid

DASH NUMBER*
INDUCTANCE @ 1 kHz
(μ H) \pm 15%
INCREMENTAL CURRENT
ADC, 10% Inductance Loss
INCREMENTAL CURRENT
ADC, 20% Inductance Loss
SRF MINIMUM (MHz)
DCR (OHMS) MAXIMUM
CURRENT RATING
ADC MAXIMUM



SERIES LLST HIGH SATURATION CORE						
LLST4R7	4.7	4.00	6.10	50.0	0.035	2.600
LLST10	10	2.80	4.10	45.0	0.050	2.250
LLST15	15	2.10	3.20	40.0	0.055	2.150
LLST18	18	1.90	3.00	35.0	0.060	2.050
LLST22	22	1.70	2.80	25.0	0.070	1.900
LLST25	25	1.60	2.60	20.0	0.080	1.780
LLST27	27	1.40	2.30	15.0	0.080	1.780
LLST33	33	1.30	2.20	12.0	0.080	1.780
LLST47	47	1.00	1.80	10.0	0.120	1.450
LLST75	75	0.80	1.40	8.0	0.180	1.190
LLST100	100	0.80	1.40	7.0	0.250	1.000
LLST125	125	0.64	1.10	6.0	0.250	1.000
LLST140	140	0.56	0.98	5.0	0.250	1.000
LLST150	150	0.56	0.98	4.0	0.260	0.985
LLST175	175	0.54	0.90	3.5	0.325	0.890
LLST200	200	0.46	0.80	3.2	0.400	0.795
LLST220	220	0.46	0.80	3.0	0.400	0.795
LLST270	270	0.46	0.78	2.5	0.500	0.710
LLST300	300	0.38	0.68	2.0	0.500	0.710
LLST350	350	0.36	0.62	1.9	0.625	0.650
LLST400	400	0.28	0.50	1.8	0.700	0.600
LLST450	450	0.28	0.50	1.7	0.850	0.550
LLST500	500	0.26	0.50	1.5	1.000	0.500

Physical Parameters

	Inches	Millimeters
A	0.475 \pm 0.020	12.07 \pm 0.50
B	0.420 \pm 0.020	10.67 \pm 0.50
C	0.290 Max.	7.37 Max.
D	0.400 Ref.	7.62 Ref.
E	0.075 Ref.	1.91 Max.
F	0.375 \pm 0.020	9.53 \pm 0.50

- Operating Temperature Range** -40°C to +125°C
- Power Dissipation** 0.285 Max. (Watts)
- Weight Max.** (Grams) 2.00
- Packaging** Bulk only
- Current Rating** Based on a 35° C max. rise from 90°C ambient.

*Insert 'R' Designator for RoHS
For surface finish information, refer to www.delevanfinishes.com

- Material** High Saturation Nickel/Iron Core.
- Inductance** Tested at an AC drive level which does not affect the initial permeability of the core, the DC drive level was 0 amps.
- Incremental Current** The DC current which reduces the inductance value to the percentage drop tabulated.
- Inductor Base** Formed from a high temperature thermoplastic capable of withstanding approx. 600°F for short periods of time.
- Marking** API, Inductance, and Date Code.

