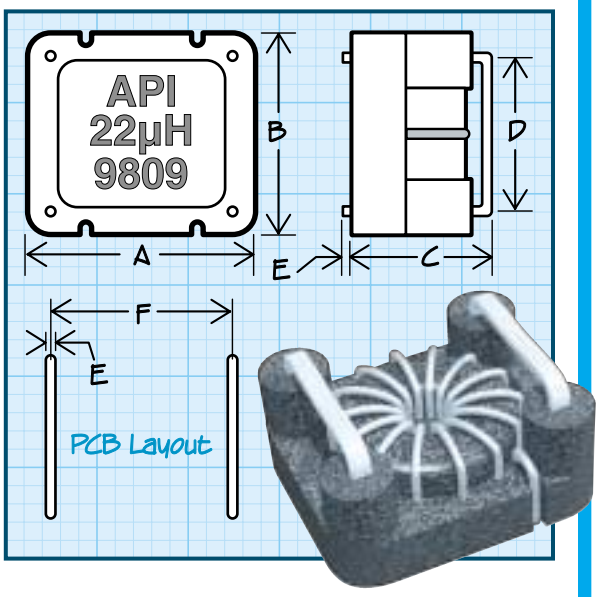
Series LLSTR LLST

RoHS Compliant

Traditional First Quality

Low Loss Surface Mount Power Toroid



Physical Parameters

	Inches	Millimeters
A	0.475 ±.020	12.07 ±0.50
B	0.420 ±.020	10.67 ±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 ±0.020	9.53 ±0.50

Operating Temperature Range –40°C to +125°C

Power Dissipation 0.285 Max. (Watts)

Weight Max. (Grams) 2.00

Packaging Bulk only

DASH NUMBER*	INDUCTANCE @ 1KHz (µH) ±15%	INCREMENTAL CURRENT Adc, 10% Inductance Loss	INCREMENTAL CURRENT Adc, 20% Inductance Loss	SRF MINIMUM (MHz)	DCR (Ohms) Max.	CURRENT RATING Adc Max.
SERIES LLST						
-4R7	4.7	4.00	6.10	50.0	0.035	2.600
-10	10	2.80	4.10	45.0	0.050	2.250
-15	15	2.10	3.20	40.0	0.055	2.150
-18	18	1.90	3.00	35.0	0.060	2.050
-22	22	1.70	2.80	25.0	0.070	1.900
-25	25	1.60	2.60	20.0	0.080	1.780
-27	27	1.40	2.30	15.0	0.080	1.780
-33	33	1.30	2.20	12.0	0.080	1.780
-47	47	1.00	1.80	10.0	0.120	1.450
-75	75	0.80	1.40	8.0	0.180	1.190
-100	100	0.80	1.40	7.0	0.250	1.000
-125	125	0.64	1.10	6.0	0.250	1.000
-140	140	0.56	0.98	5.0	0.250	1.000
-150	150	0.56	0.98	4.0	0.260	0.985
-175	175	0.54	0.90	3.5	0.325	0.890
-200	200	0.46	0.80	3.2	0.400	0.795
-220	220	0.46	0.80	3.0	0.400	0.795
-270	270	0.46	0.78	2.5	0.500	0.710
-300	300	0.38	0.68	2.0	0.500	0.710
-350	350	0.36	0.62	1.9	0.625	0.650
-400	400	0.28	0.50	1.8	0.700	0.600
-450	450	0.28	0.50	1.7	0.850	0.550
-500	500	0.26	0.50	1.5	1.000	0.500

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

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

Current Rating Based on a 35° C max. rise from 90°C ambient.

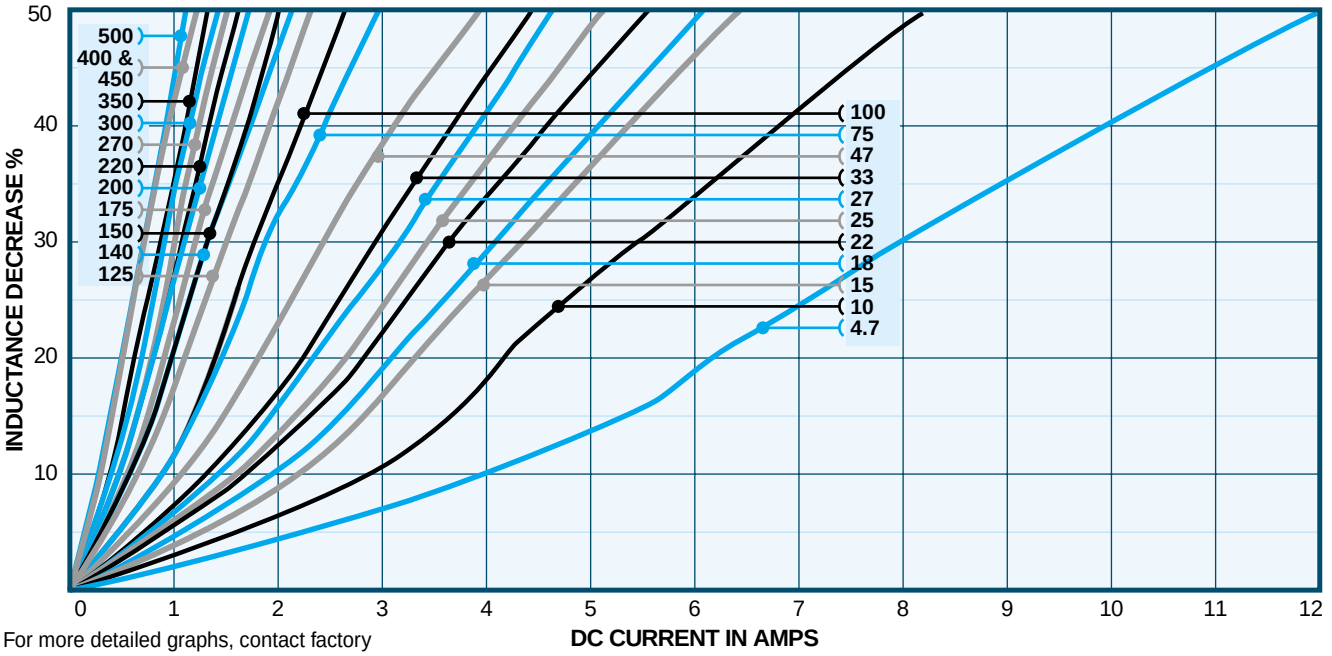
Material High Saturation Nickel/Iron Core.

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.



For more detailed graphs, contact factory

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