



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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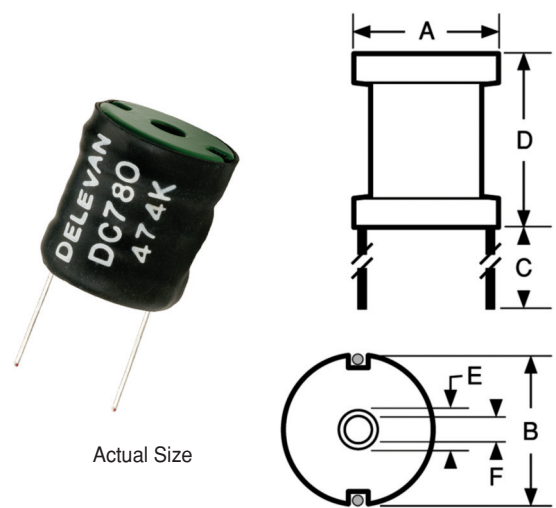
SERIES

DC780R
DC780



High Current Power Line Chokes

DASH NUMBER*
INDUCTANCE (µH)
NOMINAL TOLERANCE
MAXIMUM (OHMS) @ 25°C
DC RESISTANCE MAXIMUM (A DC)
CURRENT RATING (A DC)
INCREMENTAL CURRENT (A DC)
(Inches, Reference)
DIMENSION B (Inches, Reference)
LEAD DIAMETER (Inches, Reference)



Actual Size

Physical Parameters

	Inches	Millimeters
A	0.775 ± 0.025	19.6 ± 0.6
B (C/L to C/L)	See Characteristics table	
C	0.750 Min.	19.05 Min.
D	0.815 ± 0.015	20.7 ± 0.4
E (Ref. only)	0.195 Max.	4.95 Max.
F	Clearance Hole for 4/40 Screw	

Leads Tinned to within 1/16" of Body

Inductance Measured @ 1 KHz with 0 Amps dc

Mechanical Configuration Center hole allows for mechanical mounting; insulated bobbins.

Operating Temperature

-55°C to +125°C;
-55°C to +80°C @ full rated current

Current Rating at 80°C Ambient 45°C Rise

Incremental Current Minimum current which causes a 5% max. change in Inductance

Power Dissipation at 80°C 1.400 Watts Max.

Dielectric Withstanding Voltage 1000 V RMS Min.

Marking DELEVAN; DC780; dash number with tolerance letter. Note: An R after DC780 indicates a RoHS component.

Example: DC780R-103K
DELEVAN
DC780R
103K

Packaging Bulk only

SERIES DC780							
-102L	1.0	± 15%	0.003	11.4	110.0	0.620	0.051
-122L	1.2	± 15%	0.003	11.4	108.0	0.620	0.051
-152L	1.5	± 15%	0.003	11.4	89.0	0.620	0.051
-182L	1.8	± 15%	0.003	11.4	81.0	0.620	0.051
-222L	2.2	± 15%	0.004	11.4	73.0	0.620	0.051
-272L	2.7	± 15%	0.005	11.4	66.0	0.620	0.051
-332L	3.3	± 15%	0.005	11.4	60.0	0.620	0.051
-392L	3.9	± 15%	0.005	11.4	55.0	0.620	0.051
-472L	4.7	± 15%	0.005	11.4	50.0	0.620	0.051
-562L	5.6	± 15%	0.006	11.4	46.0	0.620	0.051
-682L	6.8	± 15%	0.007	11.4	42.0	0.620	0.051
-822L	8.2	± 15%	0.007	11.4	38.0	0.620	0.051
-103K	10.0	± 10%	0.009	11.4	34.5	0.620	0.051
-123K	12.0	± 10%	0.009	11.4	31.5	0.620	0.051
-153K	15.0	± 10%	0.013	9.0	28.2	0.625	0.045
-183K	18.0	± 10%	0.018	7.2	25.7	0.630	0.045
-223K	22.0	± 10%	0.019	7.2	23.3	0.630	0.045
-273K	27.0	± 10%	0.026	5.5	21.0	0.546	0.040
-333K	33.0	± 10%	0.029	5.5	19.0	0.546	0.036
-393K	39.0	± 10%	0.030	5.5	17.5	0.594	0.036
-473K	47.0	± 10%	0.035	5.5	15.9	0.625	0.036
-563K	56.0	± 10%	0.039	5.5	14.6	0.625	0.036
-683K	68.0	± 10%	0.053	4.8	13.2	0.656	0.036
-823K	82.0	± 10%	0.060	4.8	12.1	0.656	0.036
-104K	100	± 10%	0.080	4.0	10.9	0.593	0.036
-124K	120	± 10%	0.090	4.0	10.0	0.593	0.036
-154K	150	± 10%	0.098	4.0	8.9	0.593	0.032
-184K	180	± 10%	0.110	4.0	8.1	0.593	0.032
-224K	220	± 10%	0.150	2.8	7.4	0.593	0.029
-274K	270	± 10%	0.213	2.0	6.6	0.562	0.025
-334K	330	± 10%	0.305	1.6	6.0	0.590	0.025
-394K	390	± 10%	0.320	1.6	5.5	0.590	0.025
-474K	470	± 10%	0.355	1.6	5.0	0.590	0.025
-564K	560	± 10%	0.388	1.6	4.6	0.590	0.023
-684K	680	± 10%	0.430	1.6	4.2	0.590	0.023
-824K	820	± 10%	0.590	1.3	3.8	0.590	0.023
-105K	1,000	± 10%	0.818	1.0	3.5	0.590	0.020
-125K	1,200	± 10%	1.140	0.8	3.2	0.590	0.018
-155K	1,500	± 10%	1.260	0.8	2.8	0.590	0.018
-185K	1,800	± 10%	1.390	0.8	2.6	0.590	0.018
-225K	2,200	± 10%	1.540	0.8	2.3	0.590	0.018

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