



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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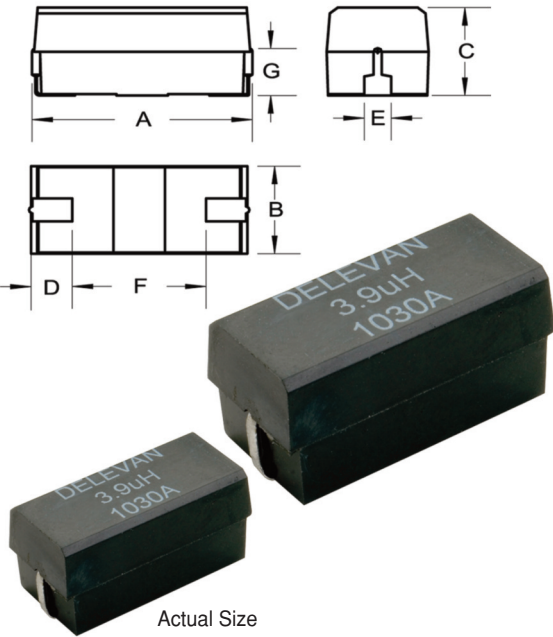


SERIES

5500R
5500



High Current Power Chokes



Actual Size

Physical Parameters

	Inches	Millimeters
A	1.020 to 1.080	25.91 to 27.44
B	0.480 to 0.510	12.20 to 12.96
C	0.520 Maximum	13.21 Maximum
D	0.240 Minimum	6.10 Minimum
E	0.120 to 0.160	3.05 to 4.07
F	0.500 (Ref. Only)	12.70 (Ref. Only)
G	0.250 (Ref. Only)	6.35 (Ref. Only)

Dimensions "A" and "C" and "G" are over the terminals.

Operating Temperature Range -55°C to +130°C

Current Rating at 85°C Ambient 45°C Temperature Rise

Maximum Power Dissipation at +85°C: 1.166 Watts Maximum

Inductance Measured @ 1 kHz with 0 ADC on Wayne Kerr 3245A, or equivalent.

Incremental Current The amount of DC that decreases the Inductance by 5% maximum relative to the 0 ADC.

Dielectric Withstanding Voltage Meets MIL-STD-202, Method 301, 1000 Vrms Minimum

Marking DELEVAN, INDUCTANCE VALUE and DATE CODE/LOT SYMBOL (YYWWL). Note: An "R" before the date code/lot symbol indicates a RoHS Compliant choke.

DELEVAN
3.9uH
R YYWWL

Thermal Shock Meets MIL-STD-202, Method 107, Test Condition A-1 (-55°C to +130°C).

Mechanical Shock Meets MIL-STD-202, Method 213, Test Condition I.

Vibration Meets MIL-STD-202, Method 204, Test Condition D

Solderability Meets MIL-STD-202, Method 208

Terminal Material and Final Finish

Series 5500R: (Tin - Silver - Copper) Sn96.5Ag3.0Cu0.5 over Copper (Cu)
Series 5500: (Tin - Lead) Sn63Pb37 over Copper (Cu)

Weight 13 Grams Maximum

Packaging Tape and Reel (44mm): 13" reel, 200 pieces max: 7" reel not available

Made In The U.S.A.

DASH NUMBER*	INDUCTANCE ±10% (uH @ 1.00 kHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (A DC)	INCREMENTAL CURRENT (A DC)
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SERIES 5500R AND 5500				
-392K	3.9	0.007	11.91	9.13
-472K	4.7	0.008	11.14	8.30
-562K	5.6	0.011	9.50	7.61
-682K	6.8	0.012	9.10	7.02
-822K	8.2	0.013	8.74	6.52
-103K	10	0.016	7.88	5.71
-123K	12	0.018	7.43	5.07
-153K	15	0.020	7.05	4.57
-183K	18	0.022	6.72	4.15
-223K	22	0.024	6.43	3.65
-273K	27	0.025	6.30	3.38
-333K	33	0.028	5.96	3.04
-393K	39	0.031	5.66	2.85
-473K	47	0.034	5.41	2.61
-563K	56	0.043	4.81	2.34
-683K	68	0.060	4.08	2.12
-823K	82	0.066	3.88	1.94
-104K	100	0.084	3.44	1.76
-124K	120	0.113	2.96	1.60
-154K	150	0.129	2.78	1.43
-184K	180	0.150	2.57	1.30
-224K	220	0.162	2.48	1.19
-274K	270	0.226	2.10	1.07
-334K	330	0.257	1.97	0.96
-394K	390	0.288	1.86	0.88
-474K	470	0.393	1.59	0.81
-564K	560	0.504	1.40	0.74
-684K	680	0.570	1.32	0.68
-824K	820	0.643	1.24	0.63
-105K	1,000	0.844	1.08	0.56
-125K	1,200	0.977	1.01	0.51
-155K	1,500	1.18	0.92	0.45
-185K	1,800	1.50	0.81	0.41
-225K	2,200	1.76	0.75	0.37
-275K	2,700	2.13	0.68	0.32
-335K	3,300	2.53	0.63	0.30
-395K	3,900	2.84	0.59	0.28
-475K	4,700	3.79	0.51	0.25
-565K	5,600	4.24	0.48	0.23
-685K	6,800	5.75	0.42	0.21
-825K	8,200	6.44	0.39	0.19
-106K	10,000	7.30	0.37	0.17
-126K	12,000	9.34	0.33	0.16
-156K	15,000	10.7	0.30	0.14
-186K	18,000	14.8	0.26	0.13
-226K	22,000	18.0	0.23	0.12
-276K	27,000	22.7	0.21	0.10
-336K	33,000	25.7	0.20	0.09
-396K	39,000	29.7	0.18	0.09
-476K	47,000	33.7	0.17	0.08
-566K	56,000	38.0	0.16	0.07
-686K	68,000	52.8	0.14	0.07
-826K	82,000	67.3	0.12	0.06
-107K	100,000	76.0	0.11	0.05

OPTIONAL TOLERANCES: J = +/- 5% L = +/- 15%

The Suffix (Optional Tolerance "J" or "L") should replace the "K", in the dash number.

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