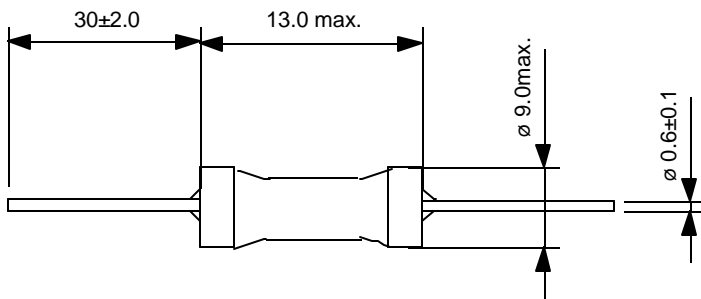


# High Current Chokes

# ALHC0913 series

## Special Features

- High rated DC current
- Low DC resistance
- Operating temperature -55 to +105 °C
- Dielectric withstand voltage 2500Vrms
- Ferrite Bobbin core
- Low cost
- VW-1 Rated Shrink tubing to cover winding



Dimension : mm

\* I<sub>dc1</sub>: Current to cause 10% of inductance drop

\* I<sub>dc2</sub>: Current to cause 40°C maximum temperature rise

ALHC0913 Series						
Part Number	L (uH) ±20%	Test Freq.	DCR (?) Max.	Rated Current		S.R.F. (MHz) Typ.
				I <sub>dc1</sub> (A)	I <sub>dc2</sub> (A)	
ALHC0913-3R9M	3.9	100KHz	0.018	7.8	5.5	71
ALHC0913-4R7M	4.7	100KHz	0.019	7.1	5.3	55
ALHC0913-5R6M	5.6	100KHz	0.025	6.2	4.5	44
ALHC0913-6R8M	6.8	100KHz	0.030	5.8	4.3	33
ALHC0913-8R2M	8.2	100KHz	0.031	5.2	4.0	24
±10%						
ALHC0913-100K	10	1KHz	0.032	4.9	3.8	19
ALHC0913-120K	12	1KHz	0.036	4.5	3.7	18
ALHC0913-150K	15	1KHz	0.042	4.2	3.3	17
ALHC0913-180K	18	1KHz	0.053	3.7	2.9	15
ALHC0913-220K	22	1KHz	0.060	3.3	2.8	13
ALHC0913-270K	27	1KHz	0.067	3.0	2.6	11
ALHC0913-330K	33	1KHz	0.092	2.7	2.2	9.6
ALHC0913-390K	39	1KHz	0.098	2.5	2.1	9.1
ALHC0913-470K	47	1KHz	0.11	2.3	2.0	9.0
ALHC0913-560K	56	1KHz	0.12	2.1	1.8	7.8
ALHC0913-680K	68	1KHz	0.14	1.9	1.7	7.1
ALHC0913-820K	82	1KHz	0.18	1.7	1.5	6.4
ALHC0913-101K	100	1KHz	0.20	1.6	1.4	5.8
ALHC0913-121K	120	1KHz	0.27	1.4	1.3	4.8
ALHC0913-151K	150	1KHz	0.31	1.3	1.1	4.3
ALHC0913-181K	180	1KHz	0.39	1.1	1.0	4.0
ALHC0913-221K	220	1KHz	0.43	1.0	0.94	3.9
ALHC0913-271K	270	1KHz	0.54	0.94	0.82	3.3
ALHC0913-331K	330	1KHz	0.68	0.84	0.77	3.0
ALHC0913-391K	390	1KHz	0.83	0.79	0.68	2.7
ALHC0913-471K	470	1KHz	0.93	0.73	0.63	2.5
ALHC0913-561K	560	1KHz	1.2	0.66	0.59	2.2
ALHC0913-681K	680	1KHz	1.4	0.6	0.5	2.0
ALHC0913-821K	820	1KHz	1.8	0.54	0.46	1.9
ALHC0913-102K	1000	1KHz	2.0	0.49	0.43	1.7
ALHC0913-122K	1200	1KHz	2.4	0.44	0.41	1.6
ALHC0913-152K	1500	1KHz	3.1	0.38	0.33	1.2
ALHC0913-182K	1800	1KHz	3.5	0.35	0.31	1.1
ALHC0913-222K	2200	1KHz	4.4	0.32	0.28	1.0
ALHC0913-272K	2700	1KHz	5.1	0.29	0.26	0.95
ALHC0913-332K	3300	1KHz	6.4	0.26	0.25	0.85
ALHC0913-392K	3900	1KHz	7.2	0.24	0.23	0.8
ALHC0913-472K	4700	1KHz	8.7	0.22	0.21	0.69
ALHC0913-562K	5600	1KHz	11.0	0.20	0.18	0.71
ALHC0913-682K	6800	1KHz	14.0	0.18	0.17	0.58
ALHC0913-822K	8200	1KHz	19.0	0.17	0.14	0.56
ALHC0913-103K	10000	1KHz	21.0	0.15	0.13	0.54
ALHC0913-123K	12000	1KHz	26.0	0.14	0.12	0.44
ALHC0913-153K	15000	1KHz	36.0	0.12	0.11	0.42
ALHC0913-183K	18000	1KHz	41.0	0.11	0.10	0.39
ALHC0913-223K	22000	1KHz	62.0	0.10	0.08	0.34

\* All specifications are subject to change without notice.