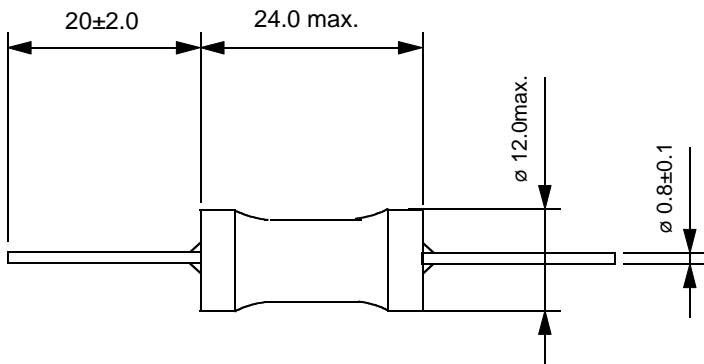


# High Current Chokes

# ALHC1224 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



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

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

ALHC1224 Series					
Part Number	L (uH) ±10%	Test Freq.	DCR (Ω) Max.	Rated Current I <sub>dc1</sub> (A)	Rated Current I <sub>dc2</sub> (A)
ALHC1224-100K	10	1KHz	0.02	10.4	6.0
ALHC1224-120K	12	1KHz	0.0215	9.6	5.85
ALHC1224-150K	15	1KHz	0.0247	8.4	5.44
ALHC1224-180K	18	1KHz	0.0273	7.6	5.12
ALHC1224-220K	22	1KHz	0.03	7.05	4.8
ALHC1224-270K	27	1KHz	0.0332	6.4	4.48
ALHC1224-330K	33	1KHz	0.0371	5.7	4.16
ALHC1224-390K	39	1KHz	0.045	5.2	3.76
ALHC1224-470K	47	1KHz	0.05	4.8	3.6
ALHC1224-560K	56	1KHz	0.0625	4.4	3.44
ALHC1224-680K	68	1KHz	0.0794	3.85	3.05
ALHC1224-820K	82	1KHz	0.0895	3.6	2.8
ALHC1224-101K	100	1KHz	0.12	3.28	2.4
ALHC1224-121K	120	1KHz	0.13	2.88	2.16
ALHC1224-151K	150	1KHz	0.16	2.56	1.92
ALHC1224-181K	180	1KHz	0.19	2.4	1.76
ALHC1224-221K	220	1KHz	0.25	2.1	1.6
ALHC1224-271K	270	1KHz	0.33	1.92	1.44
ALHC1224-331K	330	1KHz	0.38	1.75	1.2
ALHC1224-391K	390	1KHz	0.41	1.6	1.12
ALHC1224-471K	470	1KHz	0.46	1.44	1.04
ALHC1224-561K	560	1KHz	0.58	1.28	0.96
ALHC1224-681K	680	1KHz	0.65	1.2	0.88
ALHC1224-821K	820	1KHz	0.81	1.12	0.8
ALHC1224-102K	1000	1KHz	0.91	0.95	0.77
ALHC1224-122K	1200	1KHz	1.15	0.88	0.7
ALHC1224-152K	1500	1KHz	1.31	0.8	0.66
ALHC1224-182K	1800	1KHz	1.55	0.75	0.64
ALHC1224-222K	2200	1KHz	1.87	0.7	0.52
ALHC1224-272K	2700	1KHz	2.36	0.62	0.48
ALHC1224-332K	3300	1KHz	2.96	0.55	0.43
ALHC1224-392K	3900	1KHz	3.3	0.5	0.4
ALHC1224-472K	4700	1KHz	4.15	0.45	0.36
ALHC1224-562K	5600	1KHz	5.4	0.42	0.32
ALHC1224-682K	6800	1KHz	6.12	0.38	0.3
ALHC1224-822K	8200	1KHz	8.05	0.35	0.26
ALHC1224-103K	10000	1KHz	9.0	0.33	0.24
ALHC1224-123K	12000	1KHz	12.4	0.3	0.22
ALHC1224-153K	15000	1KHz	14.2	0.26	0.2
ALHC1224-183K	18000	1KHz	17.0	0.24	0.18
ALHC1224-223K	22000	1KHz	21.1	0.22	0.16
ALHC1224-273K	27000	1KHz	26.9	0.19	0.14
ALHC1224-333K	33000	1KHz	34.8	0.18	0.13
ALHC1224-393K	39000	1KHz	38.5	0.16	0.12
ALHC1224-473K	47000	1KHz	48.0	0.14	0.11
ALHC1224-563K	56000	1KHz	54.0	0.13	0.1
ALHC1224-683K	68000	1KHz	72.0	0.12	0.09
ALHC1224-823K	82000	1KHz	86.5	0.11	0.075
ALHC1224-104K	100000	1KHz	98.5	0.1	0.07